

APPENDIX 3A

**Proposed Four Supplementary Expressway
Segments**

APPENDIX 3A

PROPOSED FOUR SUPPLEMENTARY EXPRESSWAY SEGMENTS

Considering the appropriateness of expressway network in Vietnam, four supplementary road segments are proposed. They are described below.

(1) Da Nang–Ngoc Hoi, 250km

Da Nang–Ngoc Hoi Expressway is recommended because:

- (i) The expressway should form a network; therefore it should not stop at Ngoc Hoi as a dead-end. This segment will provide a redundant expressway system and it is good for the traffic flow in general and the socio-economic development alongside the road in particular.
- (ii) Pakxe in Lao PDR–Ngoc Hoi–Da Nang is one of the East West Economic Corridors of the Indochina Peninsula. In order to promote cross-border economy, this segment is expected to contribute to GMS (Great Mekong Subregion) wide area development.

(2) Quang Ngai–Dak To, 170km

Quang Ngai–Dak to Expressway is recommended because:

- (i) This segment is essential for connection between Lao PDR and Dung Quat Industrial Zone (DQIZ) in which an oil refinery facility started its production on 22 February 2009. DQIZ could not be developed without a strong transport infrastructure in order to distribute its products, and the destinations should not be limited only to Vietnam. Goods produced in Lao PDR will be exported through Da Nang Port, and on the way back the trucks could carry oil bases materials/products from DQIZ to Lao PDR.
- (ii) In addition, the distance between Da Nang and Quy Nhon is 300km, a little too long not to have a transversal expressway.

(3) Nha Trang–Da Lat, 80km

Nha Trang–Da Lat Expressway is recommended because:

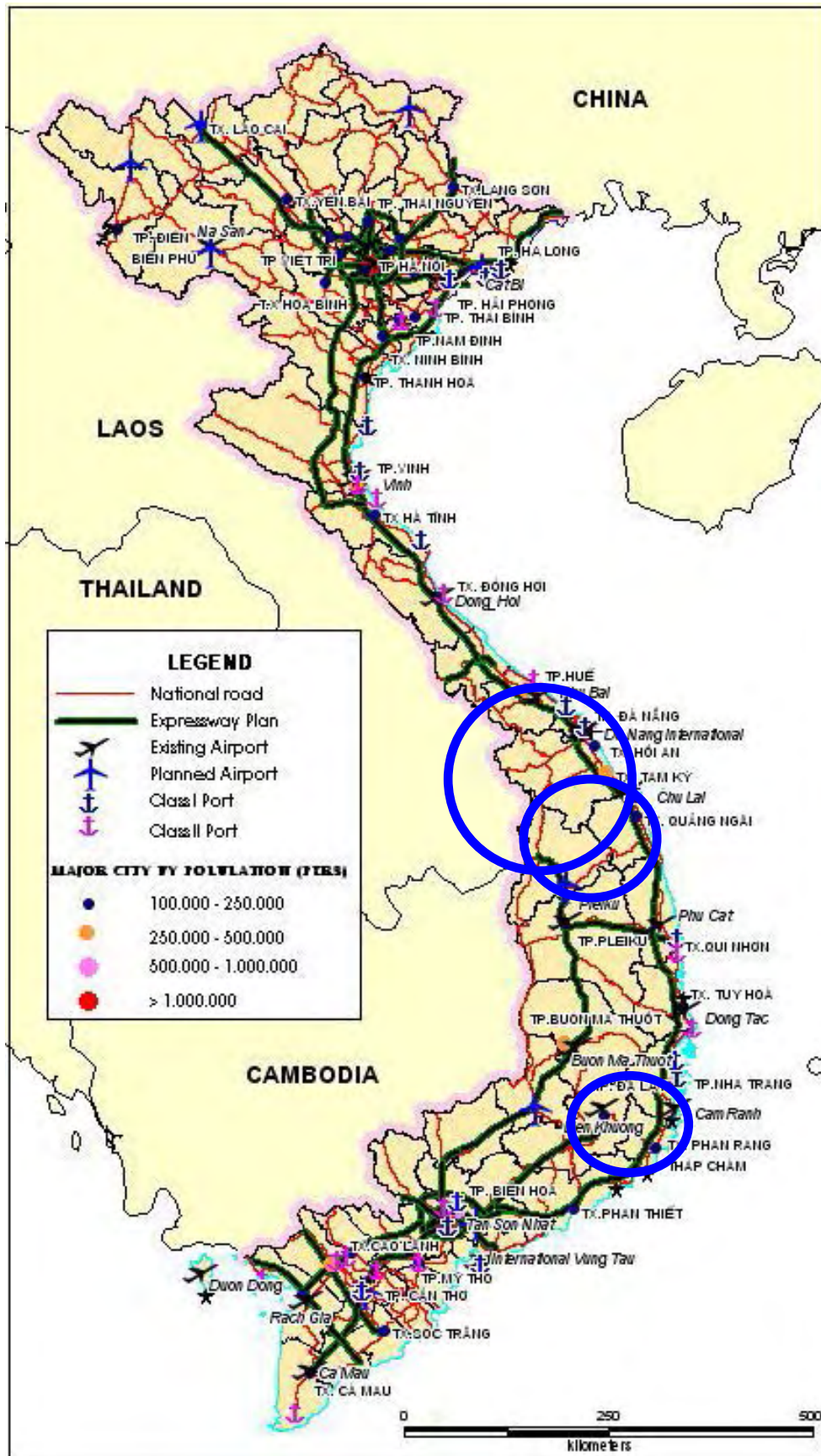
- (i) The expressway should be form a network; therefore, it should not stop in Da Lat as a dead-end. This segment will provide a redundant expressway system and it is good for the traffic flow in general and the socio-economic development alongside the road in particular.
- (ii) Both Nha Trang and Da Lat are famous tourism destinations in Vietnam. An expressway connection between those cities will enable a one-hour drive, which will surely contribute not only to tourism but also to regional industries.

(4) Binh Son–Gia Ray, 30km

Binh Son–Gia Ray Expressway is recommended because:

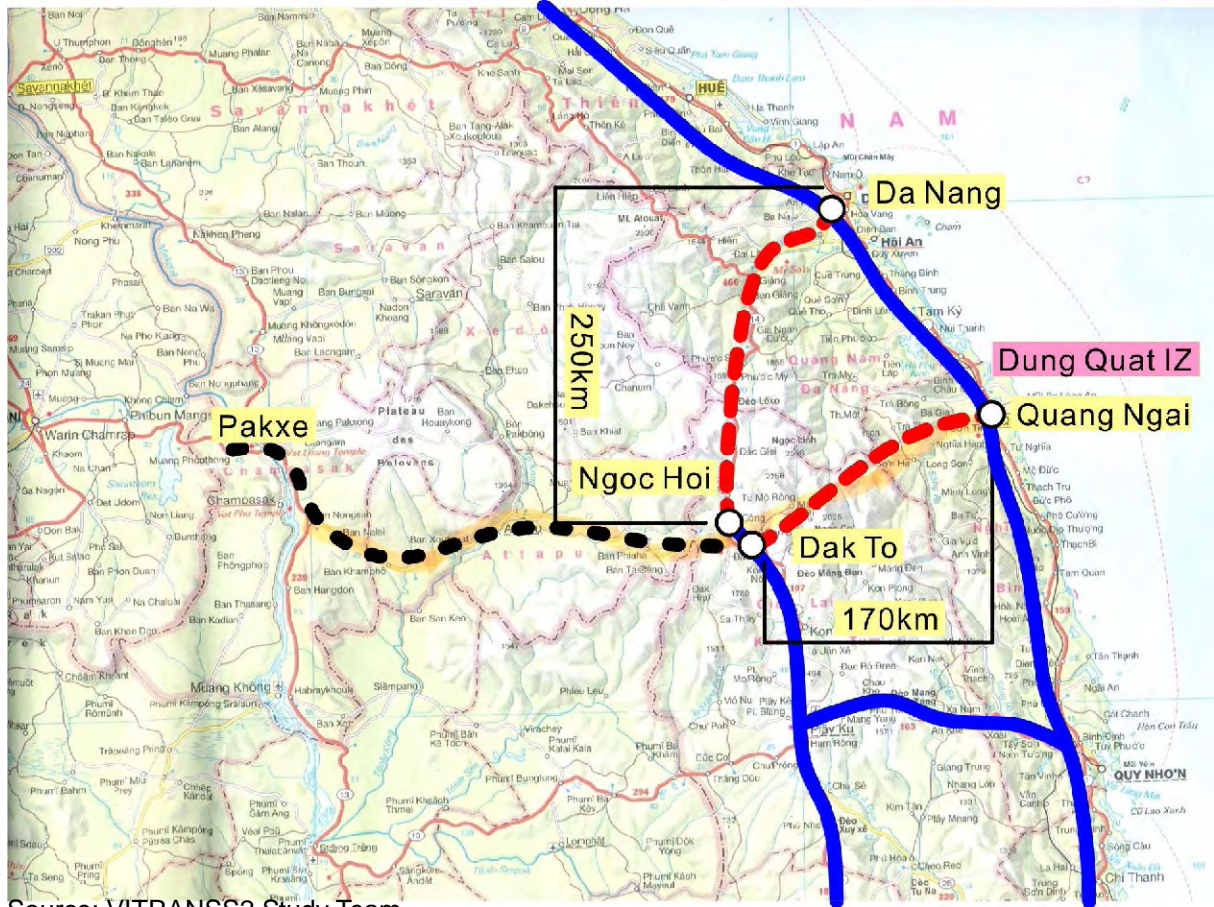
- (i) This short-cut, approximately 10km, will save considerable traveling time, which is very important for road users not only for tourism but also for industrial traffic.
- (ii) This segment could connect the hilly areas around Cam My Town. Construction materials could be carried easily to HCMC through this route.

Figure 3A.1 Proposed Four Supplementary Road Segments to the Expressway Network



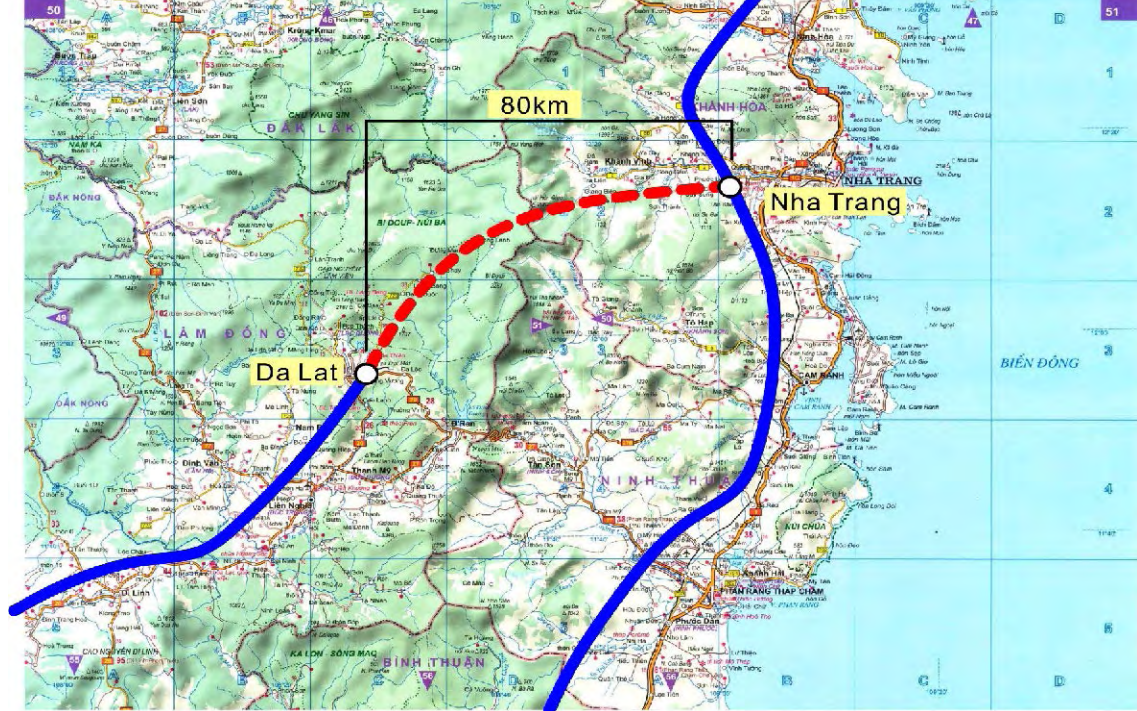
Source: VITRANSS2 Study Team

Figure 3A.2 Proposed Two Supplementary Expressway Segments in Central Vietnam



Source: VITRANSS2 Study Team

Figure 3A.3 Proposed Supplementary Expressway Segment in Southern Central Vietnam



Source: VITRANSS2 Study Team

Figure 3A.4 Proposed Supplementary Expressway Segment in Southern Vietnam



Source: VITRANSS2 Study Team

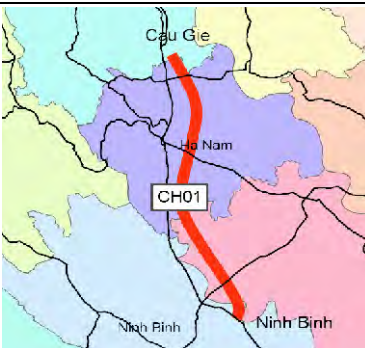
APPENDIX 6B


Profile of the Master Plan Projects


APPENDIX 6B


PROFILE OF THE MASTER PLAN PROJECTS


A. Ongoing/Committed Project Profile

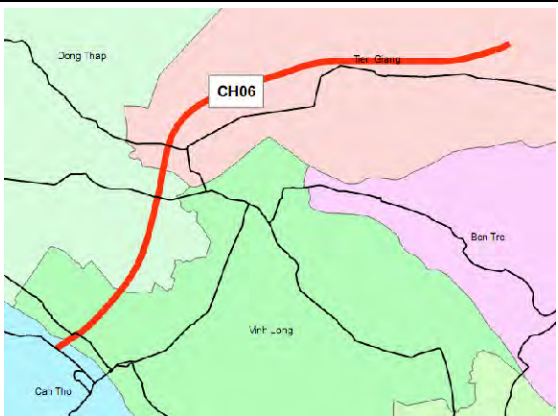
Project name: Cau Gie–Ninh Binh expressway		Sector: CH01
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No: 7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of Cau Gie-Ninh Binh as a part of North-South Expressway. Construction is currently in progress by government.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Cau Gie–Ninh Binh Road Length : 50km Number of Lane : 4(phase1) – 6 lanes (phase2)		
Estimated Cost: US\$ 452.4 million	Schedule: 2006–2010	
Financial Source: SB, CB	Implementing Agency: VEC	


Project Name: Da Nang–Quang Ngai expressway		Sector: CH02
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of Da Nang–Quang Ngai as a part of North-South Expressway in the East. Detailed Design will be conducted by WB assistance.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Da Nang–Quang Ngai Road Length : 131km Number of Lane : 4 lanes		
Estimated Cost: US\$ 1048.2 million	Schedule: Before 2020	
Financial Source: WB	Implementing Agency: MOT (PMU85)	

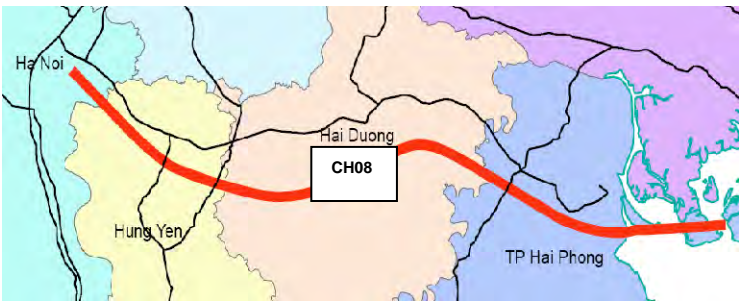
Project Name: Phan Thiet – Dau Giay Expressway		Sector: CH03
Project Background and Objective: This project was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of PhanThiet–Dau Giay as a part of North-South Expressway in the East. Expected to invest by BOT modal.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Phan Thiet-Dau Giay Road Length : 100km Number of Lane : 4-6 lanes		
Estimated Cost: US\$ 1003.8 million	Schedule: Before 2015	
Financial Source: Expected BOT	Implementing Agency: -na-	

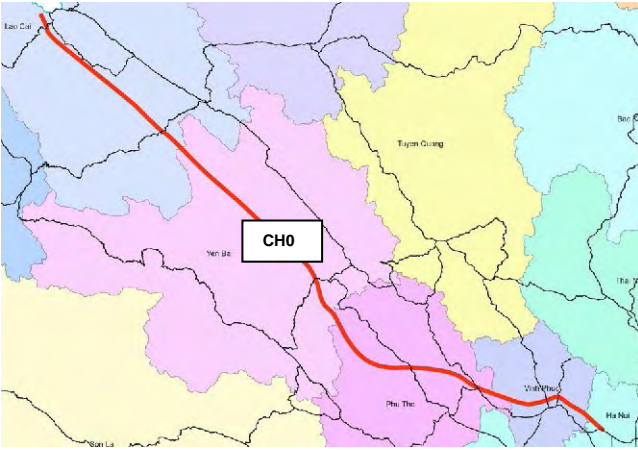
Project Name: HCMC–Long Thanh–Dau Giay expressway		Sector: CH04
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of HCMC-Long Thanh–Dau Giay as a part of North-South Expressway in the East. Detailed Design is currently in progress by ADB assistance.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : HCMC–Long Thanh–Dau Giay Road Length : 55km Number of Lane : 6–8 lanes		
Estimated Cost: US\$ 1110.8 million	Schedule: 2008–2012	
Financial Source: ADB, JBIC	Implementing Agency: VEC	

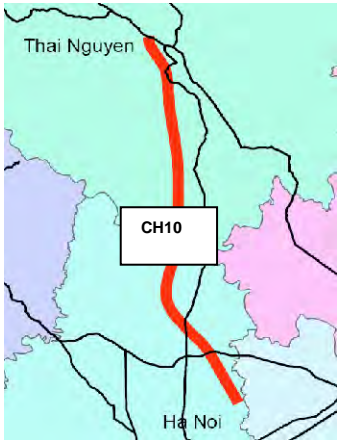
Project Name: HCMC-Trung Luong expressway	Sector: CH05
<p>Project Background and Objective:</p> <p>This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg.</p> <p>The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of HCMC–Trung Luong as a part of North-South Expressway in the East.</p> <p>Construction is currently in progress by government.</p>	
<p>Project Description:</p> <p>(i) Survey and Engineering Design <input checked="" type="checkbox"/></p> <p>(ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/></p> <p>(iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/></p> <p>(iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/></p> <p>(v) Provision of Training <input checked="" type="checkbox"/></p> <p>Section : HCMC –Trung Luong</p> <p>Road Length : 40km</p> <p>Number of Lane : 4 (phase1)–8 lanes(phase2)</p>	
Estimated Cost: US\$ 776.5 million	Schedule: Phase : 2004–2009
Financial Source: Gov. B, SB	Implementing Agency: MOT (PMU My Thuan)

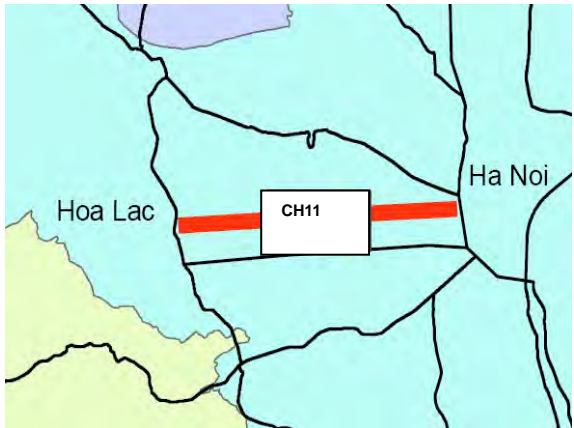
Project Name: Trung Luong-My Thuan-CanTho expressway	Sector: CH06
<p>Project Background and Objective:</p> <p>This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg.</p> <p>The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of Trung Luong-My Thuan-Can Tho as a part of North-South Expressway in the East.</p> <p>Trung Luong-My Thuan section (54km) were started to construct on 29 November 2009</p>	
<p>Project Description:</p> <p>(i) Survey and Engineering Design <input checked="" type="checkbox"/></p> <p>(ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/></p> <p>(iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/></p> <p>(iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/></p> <p>(v) Provision of Training <input checked="" type="checkbox"/></p> <p>Section : Trung Luong-My Thuan-Can-Tho</p> <p>Road Length : 92km</p> <p>Number of Lane : Phase 1/4lanes; phase 2/6 lanes</p> <p>Section My thuan – Can tho F/S will be started by PMU My Thuan.</p>	
Estimated Cost: US\$ 1,510.0 million	Schedule: -TrungLuong-MyThuan: 2009-2013 -MyThuan-CanTho: -na-
Financial Source: -TrungLuong-MyThuan / local BOT -MyThuan-CanTho/ BOT	Implementing Agency: BOT company (BIDV)

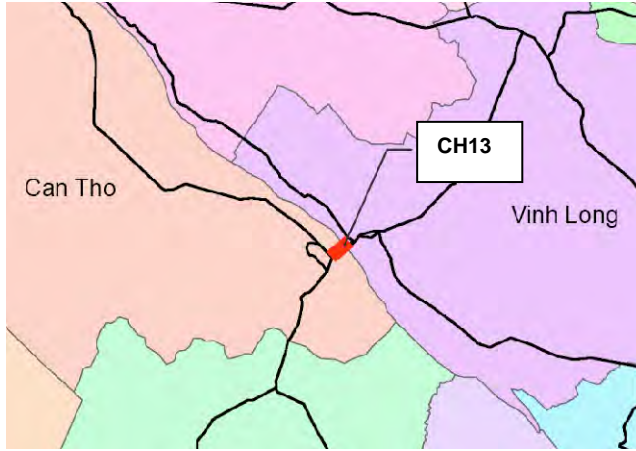
Project Name: Lang Son-Bac Ninh-Bac Giang expressway	Sector: CH07
<p>Project Background and Objective:</p> <p>This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg.</p> <p>The objective of the project is to improve traffic capacity for the second corridor Bang tuong - Ha noi - Hai phong traffic by constructing the section of Lang son - Bac ninh - Bac giang.</p> <p>ADB support TA for F/S review and preparing of DD</p>	
<p>Project Description:</p> <ul style="list-style-type: none"> (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> <p>Section : Lang son – Bac ninh – Bac giang</p> <p>Road Length : 130km</p> <p>Number of Lane : 4-6 lanes</p>	
Estimated Cost: US\$ 1,176.3 million	Schedule: Phase 1: 2011-2014
Financial Source: Expecting for ADB ODA	Implementing Agency: MOT (VEC)

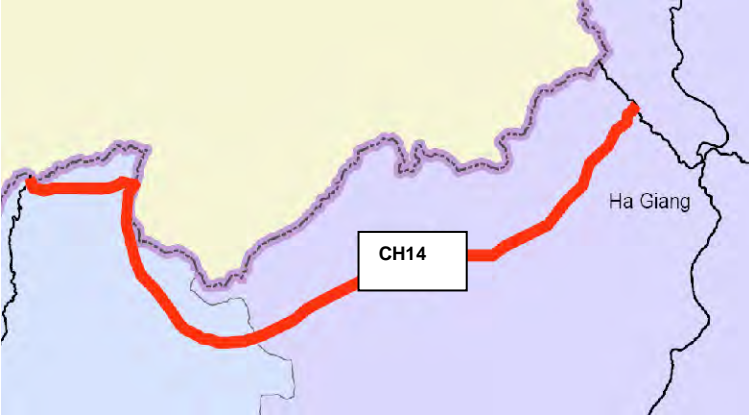
Project Name: Hanoi-Hai Phong expressway	Sector: CH08
<p>Project Background and Objective:</p> <p>This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg.</p> <p>The objective of the project is to improve traffic capacity of the route from gateway to the center of NFEZ by constructing new expressway for the section of Hanoi–Hai Phong.</p> <p>Under construction.</p>	
<p>Project Description:</p> <ul style="list-style-type: none"> (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> <p>Section : Hanoi–Hai Phong</p> <p>Road Length : 105km</p> <p>Number of Lane : 4–6 lanes</p>	
Estimated Cost: US\$ 1441.2 million	Schedule: 2008–2011
Financial Source: Local BOT	Implementing Agency: BOT company (VDB & VCB)

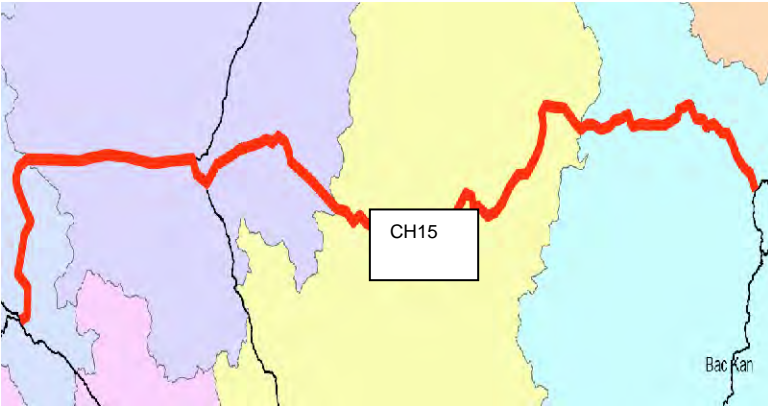
Project Name: Hanoi-Lao Cai Expressway		Sector: CH09
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity of radial traffic from Hanoi in Northern Region by constructing new expressway for the section of Hanoi–Lao Cai. The project is included in the first corridor Kunming-Hanoi-Haiphong. Constructors' procurement is ongoing.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Hanoi–Lao Cai Road Length : 264km Number of Lane : 4–6 lanes		
Estimated Cost: US\$ 1218.7million		Schedule: 2009–2012
Financial Source: ADB, GOV		Implementing Agency: VEC


Project Name: Hanoi–Thai Nguyen Expressway		Sector: CH10
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity of radial traffic from Hanoi in Northern Region by constructing new expressway for the section of Hanoi–Thai Nguyen. Detailed Design is currently in progress by JBIC assistance.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Hanoi–Thai Nguyen Road Length : 62km Number of Lane : 4–6 lanes		
Estimated Cost: US\$ 248.2 million		Schedule: 2005–2010
Financial Source: JBIC		Implementing Agency: MOT (PMU18)


Project Name: Construction of New Expressway (Lang-Hoa Lac)		Sector: CH11
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity of radial traffic from Hanoi in Northern Region by constructing new expressway for the section of Lang-Hoa Lac. Construction is currently in progress by BT company.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Lang-Hoa Lac Road Length : 30km Number of Lane : 6 lanes		
Estimated Cost: US\$ 450.0 million	Schedule: 2006-2009	
Financial Source: Local BT	Implementing Agency: BT Company	


Project Name: Construction of Can Tho Bridge		Sector: CH13
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by JBIC assistance. The objective of the project is to build regional road network by constructing new bridge over Mekong River at Can Tho City.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : 2.7km bridge and 15km approach road Number of Lane : 4 lanes		
Estimated Cost: US\$ 284.8million	Schedule: 2002-2009	
Financial Source: JBIC	Implementing Agency: MOT (PMU My Thuan)	


Project Name: Border Ring Road No1 construction (Ha Giang-Lao Cai)		Sector: CH14	
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to connect remote areas near the border by new constructing upgrading existing NH4 system (a part of border RR 1). Construction is currently in progress by government.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : 151km Number of Lane :			
Estimated Cost: US\$ 300.4 million		Schedule: 2000–2010	
Financial Source: Gov. Bond		Implementing Agency: MOT	


Project Name: Border Ring Road No 2 Construction (northern part)		Sector: CH15	
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to connect remote areas near the border by upgrading The northern part of Border RR No2 (NH279). Construction is currently in progress by government.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH279 Road Length : Number of Lane :			
Estimated Cost: US\$ 17.2 million		Schedule: 2001–2008	
Financial Source: SC, Gov.Bond		Implementing Agency: MOT	

Project Name: Border Ring No2 Construction (Northwest Part, Pho Rang - Minh Thang) (160km)		Sector: CH16
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to connect remote areas near the border by constructing and upgrading existing NH 279 road. Construction is currently in progress by government.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH279 Road Length : Number of Lane :		
Estimated Cost: US\$ 140.94 million	Schedule: 2004–2009	
Financial Source: Gov.Bond	Implementing Agency: MOT	

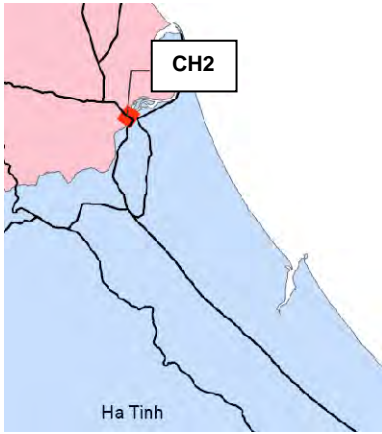
Project Name: Border Ring Road No3 construction		Sector: CH17
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to connect remote areas near the border by upgrading existing NH37. The north and northeast part of Border RR 3 (North and North-East/ NH37) Construction is currently in progress by government.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH37 Road Length : Number of Lane :		
Estimated Cost: US\$ 30.1 million	Schedule: 2002–2007	
Financial Source: Gov.Bond	Implementing Agency: MOT	


Project Name: Linh Cam Bridge construction		Sector: CH18
Project Background and Objective: Decision No 3201/QĐ-BGTVT 24/10/2007, starting point km 365+791, ending point 360+400 (including bridge and 2 side guide road and 2 lanes. Project Linh Cam bridge is on NH 15 constructing via La river		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH15 section 365+731 to 360+400 Road Length : 2860m (including bridge) Number of Lane : 2 (B= 9m)		
Estimated Cost: US\$ 13.6 million	Schedule: 2008 – 2010	
Financial Source: GOV Budget	Implementing Agency: VRA (PMU4)	


Project Name: Ong Bo Bridge construction		Sector: CH19
Project Background and Objective: Decision No 160/QĐ-BGTVT 13/2/2006 New bridge construction, it locates at km 1010+485 NH1A		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Quang Nam province, Nui thanh district, NH1A km 1010+485 Road Length : 108m Number of Lane : 2		
Estimated Cost: US\$ 1.4 million	Schedule: 2002 – 2004 (extending to 2009)	
Financial Source: GOV Budget	Implementing Agency: VRA (PMU6)	


Project Name: Huong Anh Bridge construction		Sector: CH20
Project Background and Objective: New bridge construction on NH1A km 964+781 replaces of old bridge in weak condition		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Km964 + 781 NH1A Road Length : 250 + 320 * 2 approaches Number of Lane : 4 (Width = 19m)		
Estimated Cost: US\$ 8.5 million	Schedule: 2008 – 2010	
Financial Source: GOV Budget	Implementing Agency: VRA	


Project Name: 45 rural traffic bridges in Central and central highland provinces		Sector: CH 23
Project Background and Objective: Decision - /2008/QD-BGTVT 6/7/2004; it is JICA grant project Objectives: Project of 45 rural bridges in central coast and central highland provinces includes 45 bridge/2782m and 9km of rural road. Aiming at SE development in rural area, reducing of poverty at the country side of central coast and central highland provinces.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : 45 bridges in rural area/2,782m Road Length : 9km Number of Lane :		
Estimated Cost: US\$ 32.8 million	Schedule: 2001 – 2008 (delayed to 2010)	
Financial Source: JICA's Granted Aid	Implementing Agency: VRA (PMU2)	


Project Name: Ben Thuy II Bridge construction		Sector: CH24
Project Background and Objective: Decision 2938/QĐ-BGTVT, dated 02/10/2008. Objectives: New bridge construction, reducing traffic load for Ben Thuy bridge 1. Building a bypass from km24+120 NH1 to joint with NH8B		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Km 24 + 120 on NH1 Junction to NH8B Road Length : 1 km of bridge and two side approaches, 1km per each Number of Lane : 2 (Width = 12m)		
Estimated Cost: US\$ 74.1 million	Schedule: 2009 - 2011	
Financial Source: GOV Bond	Implementing Agency: VRA (PMU85)	


Project Name: Dong Nai Bridge construction		Sector: CH25
Project Background and Objective: Old Dong Nai bridge is over 30 years in operation. At present, the bridge is very weak, it is overload for years. Objectives: BOT project to build a new bridge on Hanoi motorway is promoted. Decreasing the congestion and sharing traffic load to old Dong Nai bridge.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : 451 m Number of Lane : 5 (Width=20m)		
Estimated Cost: US\$ 121.9 million	Schedule: 2008 - 2009	
Financial Source: GOV Budget + BOT	Implementing Agency: VRA	


Project Name: Phung bridge construction		Sector: CH26
Project Background and Objective: Decision 3573/QD-BGTVT, 26/9/2005 Objectives: New building of bridge passing Day river to connect Hanoi and Son Tay via NH32		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Ha Tay (Dan Phuong District) Road Length : 887.3 m with 22 spans of Super T (Total length = 1,007.3 m) Number of Lane : 4		
Estimated Cost: US\$ 18.6 million	Schedule: 2008 – 2010	
Financial Source: Gov. Bond	Implementing Agency: VRA (PMU2)	


Project Name: Border Ring Road No 1 Construction (Ha Giang – Lao Cai) (151km)		Sector: CH27
Project Background and Objective: Decision 2620/QD-BGTVT dated 01/8/2005. To Upgrade uninterrupted border ringroad No 1 in the area of Ha Giang and Lao Cai (joint of NH4C and NH4D to form a section of border ring No1)		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Section from NH4C to NH4D (to form a section of border ring No3) Road Length : 151 km Number of Lane : 2 (Class4)		
Estimated Cost: US\$ 67.8 million	Schedule: 2010 -	
Financial Source: Gov. Bond	Implementing Agency: VRA	

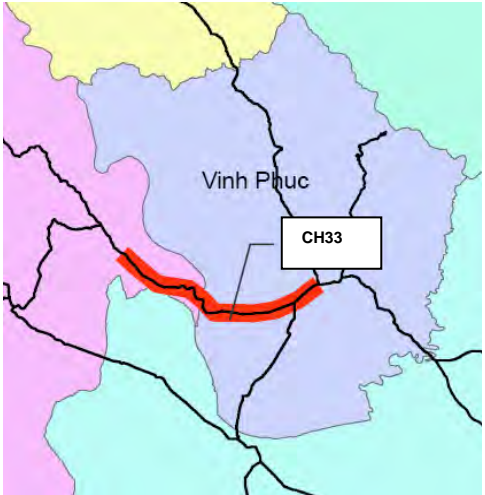
Project Name: Border RR No2 (NH279) Construction (Tuyen Quang – Bac Can) (94.5km)		Sector: CH28
Project Background and Objective: Decision 2854/QĐ-BGTVT 16/8/2005 Uninterrupted of border RR No 2 (NH279), upgrade a section to connect NH3 and NH2		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Tuyen Quang-Bac Kan (to connect NH3 and NH2 to form a section of NH 279) Road Length : 94.5km Number of Lane : 2		
Estimated Cost: US\$ 67.3 million	Schedule: 2007 – 2010	
Financial source: Gov.Bond	Implementing agency: MOT	


Project name: NH 1A Bypass (Thanh Hoa) 10km		Sector: CH29
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Thanh Hoa Road Length : 10km Number of Lane : 4 lanes		
Estimated Cost: US\$ 38.3million	Schedule: N/A	
Financial Source: N/A	Implementing Agency: VRA	

Project Name: NH 1A Bypass (Dong Hoi/ Quang Binh)		Sector: CH30	
Project Background and Objective:			
Project Description: (i) Survey and Engineering Design (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Bypass Road Length : 19.3 km Number of Lane : 4 lanes			
Estimated Cost: US\$ 38.6 million		Schedule: N/A	
Financial Source: N/A		Implementing Agency: VRA	


Project Name: NH 1A Bypass (Ha Tinh)		Sector: CH31	
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Ha Tinh Road Length : 16.3km Number of Lane : 4 lanes			
Estimated Cost: US\$ 20.8 million		Schedule: N/A	
Financial Source: N/A		Implementing Agency: VRA	

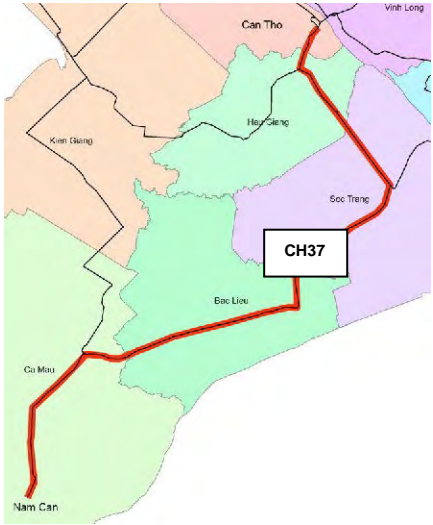
Project Name: NH1A Bypass (Phan Rang, Ninh Thuan)		Sector: CH32
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.		
Project Description: (i) Survey and Engineering Design (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Phan Rang, Ninh Thuan Road Length : 8.3km Number of Lane : 4 lanes		
Estimated Cost: US\$ 32.2 million	Schedule: N/A	
Financial Source: N/A	Implementing Agency: VRA	

Project Name: NH2 bypass VinhYen (VinhYen-VinhPhuc)		Sector: CH33
Project Background and Objective: Investment decision 410/QD-CDBVN Building up the NH2 bypass of Vinh Yen town with BOT investment modal. Total project cost: 615.82 billion VND, of which: Gov. budget 4.64 (ditto), BOT capital 531.18 (ditto)		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Vinh Yen Bypass (NH2) Road Length : 10.6 km Number of Lane : 4		
Estimated Cost: US\$ 36.2 million	Schedule: 2008 - 2010	
Financial Source: BOT	Implementing Agency: VRA + Vitracimex 8	

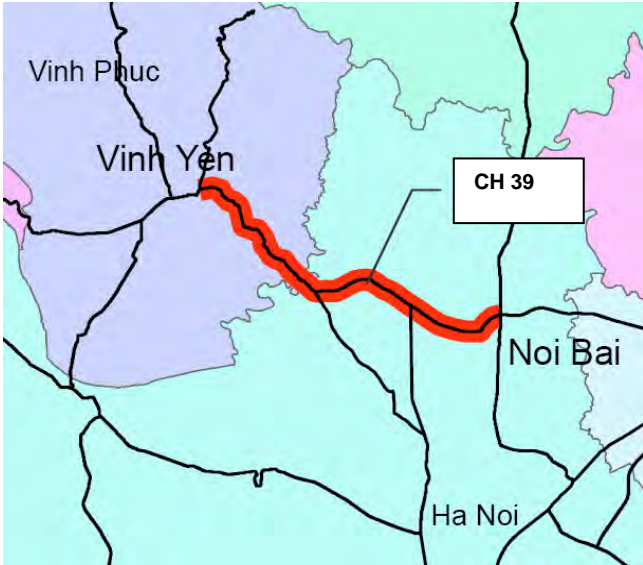
Project Name: NH 25 Upgrading (Le Bac Bridge - To No pass) (11.5km)		Sector: CH34
Project Background and Objective: Decision 3333/QĐ-BGTVT 30/10/2007 . To upgrade NH25, km 99+432 to km 111 + 205 section Upgrading NH25 with 11.5km long , 2 lanes		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities Provision of O&M Equipment and Materials (iv) Provision of Training Section : Km 99 + 432 – Km111 + 205 Road Length : 11.5km Number of Lane : 2		
Estimated Cost: US\$ 4.6 million	Schedule: 2007 – 2009 (may be delayed to 2010)	
Financial Source: Gov. Budget	Implementing Agency: VRA (PMU6)	

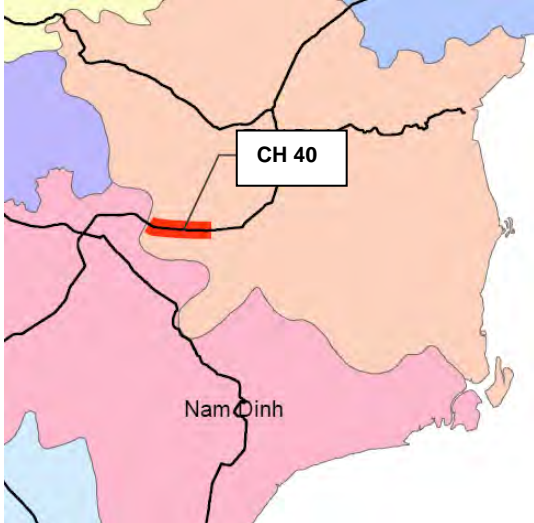
Project Name: Mekong Delta River Infrastructure Development (NH53, N54, NH91 & PHs; WB5)		Sector: CH35
Project Background and Objective: Decision No 237/2007/QĐ-TTg. Total project cost 312mil\$, it is WB loan program. Objectives: WB loan program includes (i) improvement and upgrade of NH53, NH54, NH91, (ii) dredging and upgrade of 2 IWT corridors, (iii) upgrade of 205km of PHs (provincial highways) and (iv) Institutional support to MoT and provinces. This project covers (i) and (iii).		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 119.5 million	Schedule: 2007 - 2013	
Financial Source: WB	Implementing Agency: VRA	


Project Name: NH 1 Widening (Dong Ha - Quang Tri)		Sector: CH36	
Project Background and Objective:			
Project Description: (i) Survey and Engineering Design (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Dong Ha- Quang Tri Road Length : Number of Lane : 4 lanes			
Estimated Cost: US\$ 31.5 million		Schedule: N/A	
Financial Source: N/A		Implementing Agency: VRA	


Project Name: Highway Rehabilitation Project III (NH1, Can Tho - Nam Can) (288km)		Sector: CH37	
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by WB assistance. The objective of the project is to connect remote areas and to improve surface condition by rehabilitating NH1 from Can Tho to Nam Can including Ghenh Hao Bridge and two roads of 230km and 58km in length.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Can Tho–Nam Can Road Length : 288km Number of Lane :			
Estimated Cost: US\$ 186.0 million		Schedule: 2003–2010	
Financial Source: WB		Implementing Agency: MOT (PMU1)	

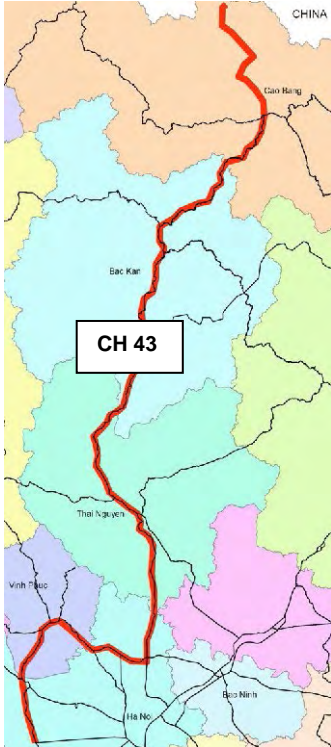
Project Name: Bridge Rehabilitation Project - Phase III (NH1)		Sector: CH38
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by JBIC assistance. The objective of the project is to build regional road network by replacing bridges and by rehabilitating bridges on NH1. Total length is 2534m for bridges and 8.7km for approach roads.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH1 Road Length : 2534m bridges and 8.7km approach roads Number of Lane :		
Estimated Cost: US\$ 84.9 million	Schedule: 2006-2010	
Financial Source: JBIC	Implementing Agency: MOT (PMU18)	

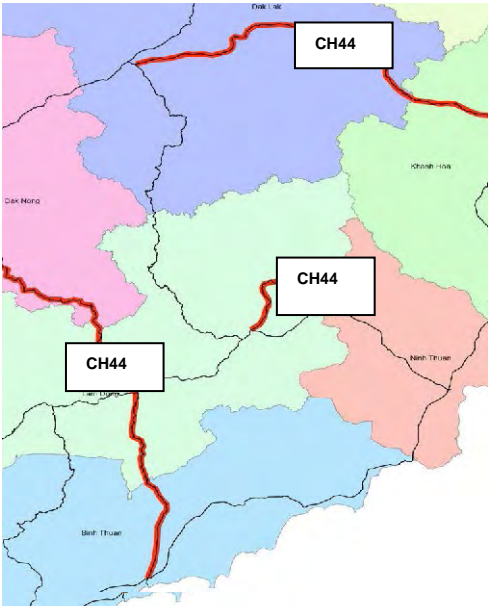
Project Name: NH2 Upgrading (Noi Bai - Vinh Yen) (22km)		Sector: CH39
Project Background and Objective: This project was listed in the Prime Minister Decision No.3863/QĐ-BGTVT. The objective of the project is to upgrade NH2 from Noi Bai to Vinh Yen to class 1 (4 lane) (22km) Construction is currently in progress by BOT Company.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Noi Bai-Vinh Yen Road Length : 22km Number of Lane : 4lanes		
Estimated Cost: US\$ 66.8 million	Schedule: 2005-2009	
Financial Source: GOV, BOT	Implementing Agency: Song Da BOT Company	


Project Name: NH10 Upgrading (section Tan De bridge - La Uyen bridge) (5.5km)		Sector: CH40	
Project Background and Objective: This project was listed in the Prime Minister Decision No.4153/QĐ-BGTVT. The objective of the project is to build regional road network by upgrading NH10 from Tan De Bridge to La Uyen Bridge with 5.5km in length. Construction is currently in progress by BOT Company.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Tan De Bridge–La Uyen Bridge Road Length : 5.5km Number of Lane :			
Estimated Cost: US\$ 25.5 million		Schedule: 2008–2010	
Financial Source: BOT		Implementing Agency: BOT Company	

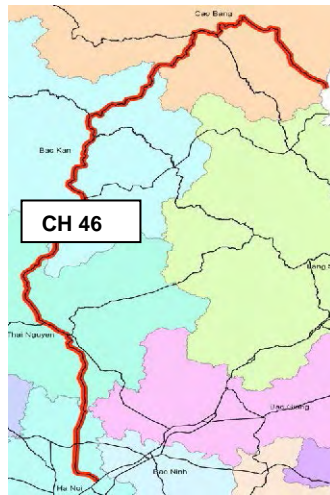
Project Name: East-West Corridor Improvement (NH12A) (182.3km)		Sector: CH41	
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by government. The objective of the project is to build regional road network by improving NH12A as a part of East-West Corridor with 182.3km in length.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH12A Road Length : 182.3km Number of Lane :			
Estimated Cost: US\$ 99.0 million		Schedule: 2000–2008	
Financial Source: GOV		Implementing Agency: MOT (PMU Bien Dong)	

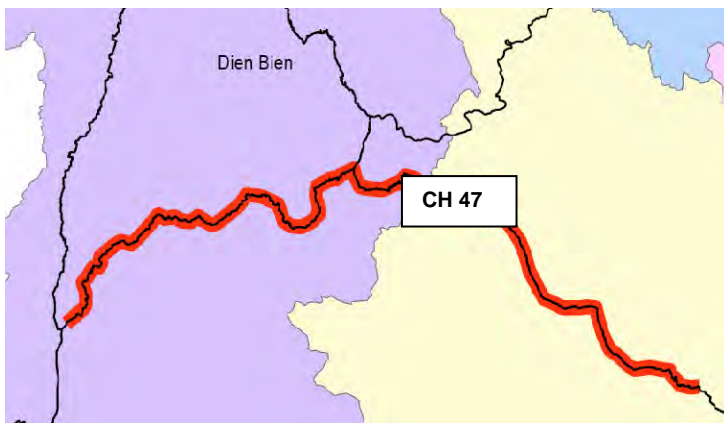
Project Name: NH 21B & NH21 Upgrading (Hanoi) (76km)	Sector: CH42
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by government and BOT (SOE). The objective of the project is to build regional road network by upgrading NH21B with 41km in length and NH21 with 35km in length.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH21B and NH21 Road Length : 76km Number of Lane :	
Estimated Cost: US\$ 44.2 million	Schedule: N/A
Financial Source: BOT, Gov. Budget	Implementing Agency: MOT and BOT Company

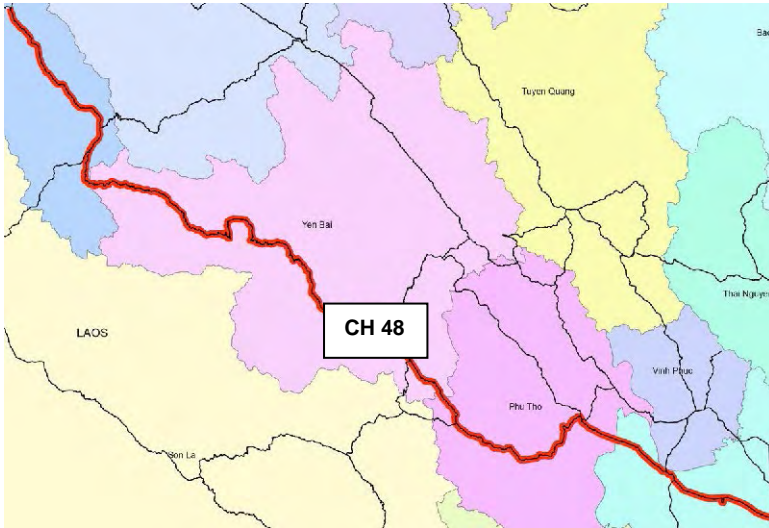
Project Name: Ho Chi Minh Highway Phase 2 Upgrading (Pac Bo - Dat Mui excluding Hoa Lac - Ngoc Hoi) (2,072km)	Sector: CH43
Project Background and Objective: This project was listed in the Prime Minister Decision No.242/QĐ-TTg. The objective of the project is improve traffic capacity for North-South traffic by upgrading Ho Chi Minh Highway with 2 lanes from Pac Bo to Dat Mui excluding Phase 1 section from Hoa Lac to Ngoc Hoi. Construction is currently in progress by government.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Pac Bo – Dat Mui Road Length : 2072km Number of Lane : 2 lanes	
Estimated Cost: US\$ 1591.1 million	Schedule: 2007-2010
Financial Source: Gov.Bond	Implementing Agency: MOT (PMU HCM)

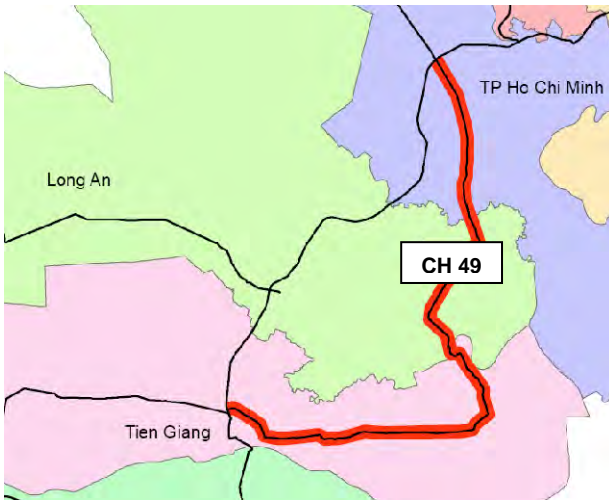
Project Name: Rehabilitation Project (NH19, NH20, NH26, NH27, NH28)	Sector: CH44
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by government. The objective of the project is to build regional road network by rehabilitating national highways of NH19, 20, 24, 26, 27 and 28.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH19, 20, 24, 26, 27 and 28 Road Length : na Number of Lane : na	
Estimated Cost: US\$ 85.4 million	Schedule: 2003-2008
Financial Source: Gov. B, SC, Gov. Bond	Implementing Agency: MOT


Project Name: NH2 Improvement (Hanoi - HaGiang) (261km)	Sector: CH45
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to build regional road network by improving NH2 from Hanoi to Ha Giang with 261km length. Construction is currently in progress by government.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Hanoi-Ha Giang Road Length : 261km Number of Lane : na	
Estimated Cost: US\$ 107.2 million	Schedule: 2002-2009
Financial Source: Gov. Bond	Implementing Agency: MOT (PMU18)


Project Name: NH 3 Improvement (Hanoi - Cao Bang) (310km)		Sector: CH46
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to build regional road network by improving NH3 from Hanoi to Cao Bang with 310km with length. Construction is currently in progress by government.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Hanoi-Cao Bang Road Length : 310km Number of Lane : 2		
Estimated Cost: US\$ 155.3 million	Schedule: 2003-2010	
Financial Source: Gov. Bond	Implementing Agency: MOT (PMU6)	


Project Name: NH 6 Improvement Phase 2 (Son La - Dien Bien)		Sector: CH47
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to build regional road network by improving NH6 from Son La to Dien Bien. Construction is currently in progress by government.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Son La-Dien Bien Road Length : Number of Lane : 2		
Estimated Cost: US\$ 68.9 million	Schedule: 2004-2009	
Financial Source: Gov. Bond	Implementing Agency: MOT	

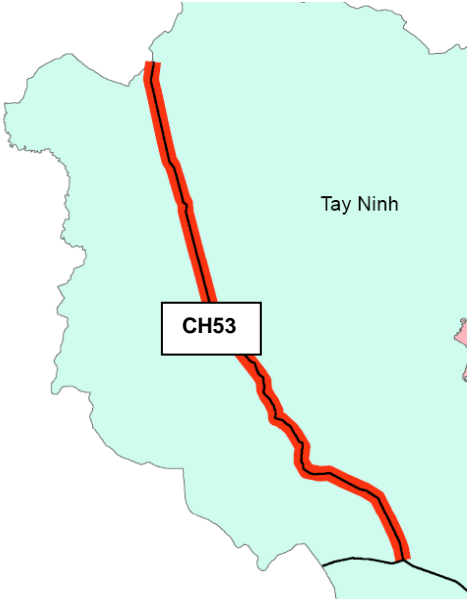
Project Name: NH 32 Improvement (Hanoi - Lai Chau) (358km)		Sector: CH48
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to build regional road network by improving NH32 from Hanoi to Lai Chau with 358km in length. Construction is currently in progress by government.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Hanoi-Lai Chau Road Length : 358km Number of Lane : 2		
Estimated Cost: US\$ 178.8 million	Schedule: 2002-2010	
Financial Source: Gov. Bond	Implementing Agency: MOT	

Project Name: NH 50 Improvement (HCMC - My Tho) (88km)		Sector: CH49
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by government. The objective of the project is to build regional road network by improving NH50 from HCMC to My Tho with 88km in length.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : HCMC-My Tho Road Length : 88km Number of Lane : 2		
Estimated Cost: US\$ 148.8 million	Schedule: 2006-2010	
Financial Source: Gov. Bond	Implementing Agency: MOT (PMU My Thuan)	

Project Name: NH 80 Improvement (My Thuan - Vam Cong) (50km)	Sector: CH50
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to build regional road network by improving NH80 from My Thuan to Vam Cong with 50km in length. Construction is currently in progress by government.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : My Thuan-Vam Cong Road Length : 50km Number of Lane : 2	
Estimated Cost: US\$ 35.2 million	Schedule: 2003-2009
Financial Source: Gov. Bond	Implementing Agency: MOT (PMU9)

Project Name: NH60 Road and Bridges Improvement	Sector: CH51
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by government, BOT and SC. The objective of the project is to build regional road network by improving roads and bridges on NH60.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH60 Road Length : Number of Lane :	
Estimated Cost: US\$ 168.5 million	Schedule: 2000-2005
Financial Source: GOV, BOT, SC	Implementing Agency: MOT

Project Name: NH 61 Improvement (Can Tho - Kien Giang)		Sector: CH52	
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by government. The objective of the project is to build regional road network by improving NH61 from Can Tho to Kien Giang.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Can Tho–Kien Giang Road Length : Number of Lane :			
Estimated Cost: US\$ 23.8 million		Schedule: 2003–2006	
Financial Source: Gov. Bond		Implementing Agency: MOT	

Project Name: NH22B Improvement (Go Dau - Xa Mat) (73km)		Sector: CH53	
Project Background and Objective: This project was listed in the Prime Minister Decision No.182/2003/QĐ-TTg. The objective of the project is to build regional road network by improving NH22B from Go Dau to Xa Mat with 73km in length. Construction is currently in progress by government.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Go Dau–Xa Ma Road Length : 73km Number of Lane :			
Estimated Cost: US\$ 23.9 million		Schedule: 2003–2008	
Financial Source: Gov. Bond		Implementing Agency: MOT	

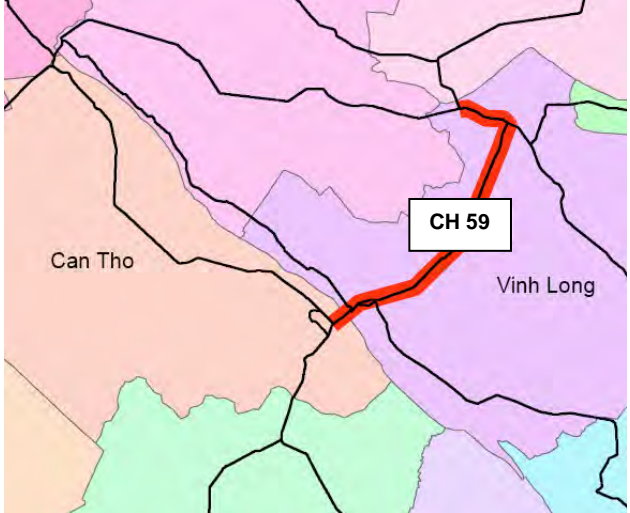
Project Name: Secondary Road Network rehabilitation Program		Sector: CH54
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by JBIC, WB, ADB assistance and SC. The objective of the project is to build regional road network by rehabilitating secondary road network in the entire country.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 664.4 million		Schedule: 2002–2007
Financial Source: JBIC, WB, ADB		Implementing Agency: MOT (Provinces)

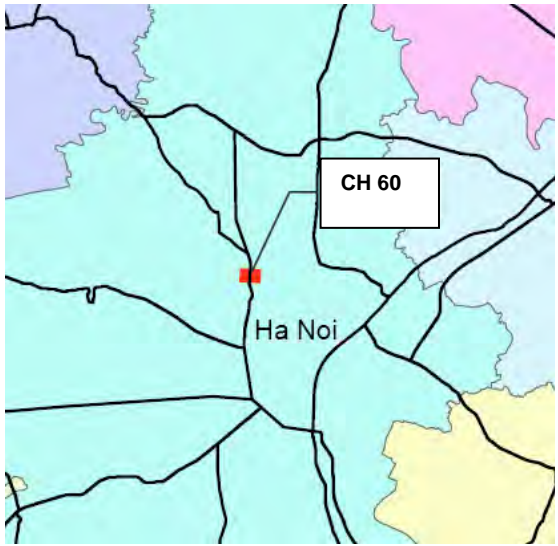
Project Name: Tertiary Road Improvement Project		Sector: CH55
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by ADB and WB assistance. The objective of the project is to build regional road network by rehabilitating tertiary road network in the entire country.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 201.9 million		Schedule: 2002–2008
Financial Source: ADB, WB		Implementing Agency: MOT

Project Name: Rural Road Projects improvement III (2,500km)		Sector: CH56
Project Background and Objective: This project was listed in the Prime Minister Decision No.4969/QĐ-BGTVT. The objective of the project is to build regional road network by improving rural roads in 33 provinces. Construction is currently in progress by WB assistance.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : 2500km Number of Lane :		
Estimated Cost: US\$ 155.7 million		Schedule: 2007–2012
Financial Source: WB		Implementing Agency: MOT (PMU6)

Project Name: Improvement of Rural Bridges in Central Coast & Central Highland	Sector: CH57
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by JBIC assistance. The objective of the project is to build regional road network by improving rural bridges in central coast & central highland provinces. The project consists of 45 bridges with 2782m in length and 9km approach roads.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : 2782m bridges and 9km approach roads Number of Lane :	
Estimated Cost: US\$ 32.3 million	Schedule: 2001-2008
Financial Source: JBIC	Implementing Agency: MOT (Provinces)

Project Name: Minor Roads and Bridges Improvement	Sector: CH58
Project Background and Objective: This project was proposed by MOT and construction is currently in progress by government. The objective of the project is to build regional road network by improving minor roads and bridges in the entire country.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : Number of Lane :	
Estimated Cost: US\$ 202.1 million	Schedule: N/A
Financial Source: N/A	Implementing Agency: MOT

Project Name: NH1 Upgrading (My Thuan - Can Tho) (38.4km)	Sector: CH59
Project Background and Objective: Decision No 1505/QD-BGTVT dated 21/5/2007 and revised by 3536/QD-BGTVT. Objectives: Upgrading and expanding NH1A section My Thuan-Can Tho into road Class 2 and 3 to meet traffic demand at present and future.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Km 2027 + 380 – Km 2065 + 790 Road Length : 38.41 Km (Phase I: 27.9 km, including Vinh Long bypass 7.5 km; Phase II: 5.9 Km) Number of Lane : 4	
Estimated Cost: US\$ 108.4 million	Schedule: 2007 – 2009
Financial Source: Gov. Budget	Implementing Agency: VRA (PMU1)

Project Name: Repair of Thang Long Bridge Surface	Sector: CH60
Project Background and Objective: Decision No 3329/QD-BGTVT 31/10/2007 Repair of bridge surface B=16.5m	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Repair of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Bridge section Road Length : 1,680 m Number of Lane : 4 (Width =16.5m)	
Estimated Cost: US\$ 3.5 million	Schedule: 2008 - 2009
Financial Source: Gov. Budget	Implementing Agency: VRA (PMU2)

Project Name: Road Network Improvement and Upgrading of (WB4) (Improvement component 629km)		Sector: CH61
Project Background and Objective: WB4 is ODA loan from WB for road improvement and upgrading Decision 2855/QD-BGTVT 16/8/2005 Objective: Components are: (i) improvement and upgrading of NH, (ii) Maintenance of NH network and (iii) Institutional strengthening. This portion is (i) component, to wit: Improvement and upgrading of road network at 15 provinces, including 629km		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Multi-section Road Length : 629 km (of 15 provinces) Number of Lane : 1 – 2		
Estimated Cost: US\$ 310.5 million	Schedule: 2004 - 2009	
Financial Source: WB	Implementing Agency: VRA (PMU2)	

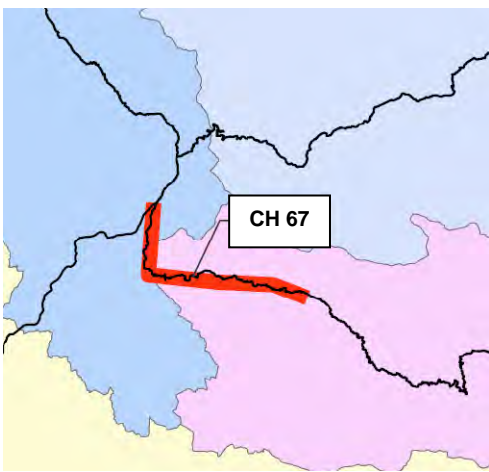
Project Name: Road Network Improvement and Upgrading (WB4) (Maintenance and institutional improvement component)		Sector: CH62
Project Background and Objective: WB4 is ODA loan from WB for road improvement and upgrading Objectives: Components of project are: (i) NH improvement ;(ii) Maintenance NH network by using HDM4 program and, (iii) Institutional strengthening This portion is B and C components: maintenance for 1000km NH (including NH1A), institutional strengthening for VRA organ.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Improvement and Upgrading of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Multi-section Road Length : 1000 km (NH) Number of Lane :		
Estimated Cost: US\$ 112.5 million	Schedule: 2005 - 2009	
Financial Source: WB	Implementing Agency: VRA	

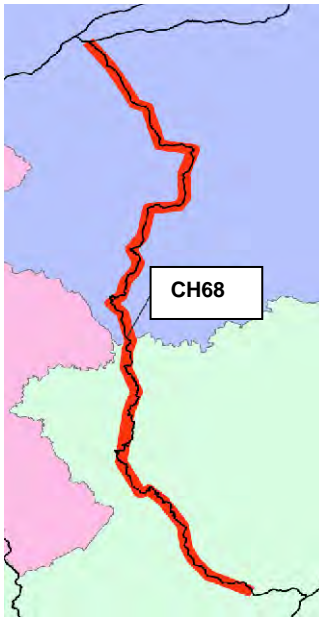
Project Name: NH 1 weak bridges rehabilitation (Phase 3)		Sector: CH63
Project Background and Objective: The project is supported by JBIC to phase 3 of weak bridges rehabilitation on NH1A Rehabilitation of 16 weak bridges on NH1A section from Cantho to Camau		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Can Tho – Ca Mau Number of bridge : 16 Number of Lane : 2		
Estimated Cost: US\$ 87.4 million	Schedule: 2007 – 2009	
Financial Source: JICA	Implementing Agency: VRA (PMU2)	


Project Name: Rural Traffic Project No.3		Sector: CH64
Project Background and Objective: PM official letter 2047/TTg-CN dated on 16/1/2005 for the project of Rural road project WB3. Improve and develop 3150km rural road at 33 provinces, aiming to rural SE development and reduce of poverty in Vietnam side. Creating good conditions to diminish the gap between urban and rural of living life of people		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Multi-rural sections (of 33 provinces) Road Length : 3,150 km Number of Lane : 1 (Class 6)		
Estimated Cost: US\$ 155.7 million	Schedule: 2007 - 2012	
Financial Source: WB + UK	Implementing Agency: VRA (PMU6)	


Project Name: Rehabilitation of Weak bridges (JBIC credit loan) – Phase 1: 140 Bridges		Sector: CH65
Project Background and Objective: Decision 42/QĐ-BGTVT, 8/1/2007 Objectives: Rehabilitation of 140 weak bridges (of which 111 on NHs and 29 on other PHs), Creating good conditions for smoothly traffic on road network aims to diminish of congestion traffic, to speed up SE development.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Multi-sections Road Length : 140 weak bridges Number of Lane : 8 – 13 m in width		
Estimated Cost: US\$ 98.1 million		Schedule: 2005 – 2009
Financial Source: JICA		Implementing Agency: VRA (PMU5)

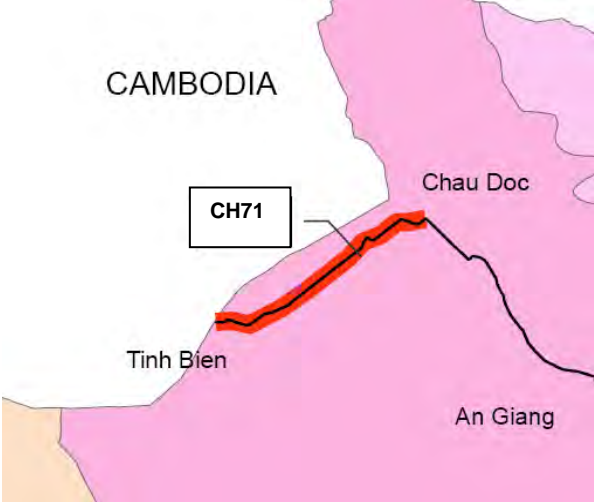
Project Name: Southern Coastal Corridor Upgrading (NH80 & NH63) (225km)		Sector: CH66
Project Background and Objective: Including in GMS project list Objectives: Recommendation of MOT to apply of ADB policy framework on site clearance and resettlement in southern coastal corridor project. Upgrading of 225km NH80 and NH63 in coastal southern corridor form VN side. Total coastal road project is 900km of international from Thailand-Cambodia-Kien Giang-Ca Mau (GMS project)		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Phase 1- Rach Gia – Ca Mau/NH80, 63 border gate Xaia – Ca Mau Road Length : 225 km (in Vietnam) Number of Lane : 2		
Estimated Cost: US\$ 290.9 million		Schedule: 2009 - 2014
Financial Source: EDCF		Implementing Agency: VRA (PMU7)


Project Name: NH6 Upgrading (Tuan Giao – Lai Chau) (96km)		Sector: CH67
Project Background and Objective: Decision 2227/QĐ-BGTĐT, 31/7/2008. Objectives: Last section of the project NH6 (km405+300 – km 501) upgrading with total length 96km from Hanoi-Lai Chau		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Tuan Giao – Lai Chau Road Length : 95.7km Number of Lane : 2		
Estimated Cost: US\$ 138.8 million	Schedule: 2010 -	
Financial Source: GOV Bond	Implementing Agency: VRA (PMU2)	


Project Name: NH 27 Upgrading (98km)		Sector: CH68
Project Background and Objective: Upgrading section km 174-km272 up to road class 4. Aiming to smoothly connecting Thap Cham-Buon Ma Thuot		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Junction with NH20 at Finom (km 174) to meet NH1A (km 272+800) Thap Cham Road Length : 98km (Total length of NH27=274km) Number of Lane : 2 – 4 lanes (Class 3, 4)		
Estimated Cost: US\$ 56.9 million	Schedule: 2005 – 2009 (extended to 2011)	
Financial Source: Gov. Bond	Implementing Agency: VRA	


Project Name: NH 32 Upgrading (Vach Kim – Binh Luu) (72km)		Sector: CH69	
Project Background and Objective: Decision 1431/QD-BGTVT dated september 26,2005 Objectives: Section VachKim-Binhluu with length 72km (Km 332 – Km 404) (total length of NH32 is 404 km from Ha Noi-Lai Chau). All of NH 32 is invested by Gov bond, target of project is upgraded an arterial road from Hanoi-Lai Chau to speed up SE development of Phu Tho-Yen Bai-lao Cai and Lai Chau provinces in the left side of Red river.			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Vach Kim – Binh Luu (Km332 – Km 404) Road Length : 72 km Number of Lane : 2			
Estimated Cost: US\$ 33.8 million		Schedule: 2004 – 2008	
Financial Source: GOV Bond		Implementing Agency: VRA	

Project Name: NH 32 Upgrading (Dien – Nhon) (7km)		Sector: CH70	
Project Background and Objective: Decision No 1384/QD-BGTVT dated 11/5/2007 First section of NH32 defines as to 7km of urban road of Hanoi capital, it target is to complete before 1000 years of Thanglong Hanoi anniversary			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Km 10 + 420 – Km14 + 494 (Dien – Nhon) Road Length : 7km Number of Lane : 8			
Estimated Cost: US\$ 57.7 million		Schedule: 2005 - 2008	
Financial Source: Gov. Bond		Implementing Agency: VRA (PMU6)	


Project Name: NH 91 Upgrading (Chau Doc- Tinh Bien) (27.3km)	Sector: CH71
Project Background and Objective: The project is proposed by MOT Upgrading section Chau Doc-Tinh Bien of NH91 in to class 4 of lowland to meet the demand of traffic and development of the area.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Chau Doc – Tinh Bien Road Length : 27.3km Number of Lane : 2 (class 4)	
Estimated Cost: US\$ 55.7 million	Schedule: 2009 – after 2010
Financial Source: Gov. Bond	Implementing Agency: VRA

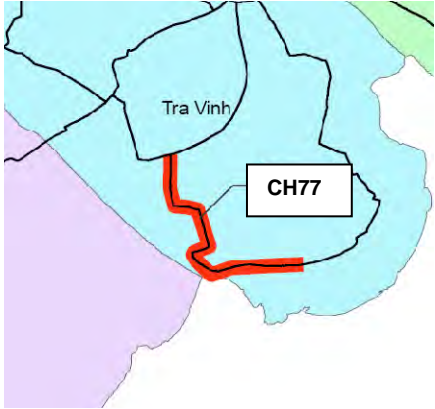
Project Name: Storm No.5 Recovery Projects on NH6 (Hoa Binh – Son La)	Sector: CH72
Project Background and Objective: The storm No5 is severe ravaged of the section Hoabinh-Sonla NH 6, it needs to repair Road rehabilitation	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Hoa Binh – Son La Road Length : Number of Lane :	
Estimated Cost: US\$ 4.6 million	Schedule: 2009
Financial Source: Gov. Bond	Implementing Agency: VRA


Project Name: NH 279 Upgrading (Than Son – Than Muoi, Dong Mo – Tu Don) (43km)		Sector: CH73	
Project Background and Objective: Decision 1576/QD-BGTVT dated June 4, 2008 Upgrading two sections of the border Ring Road NH279 up to road class 4 mountainous. (Tan Son – Than Muoi k143 +500 – k153 +496.82; Dong Mo – Tu Don k157 +160 – k183)			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Tan Son-Than Muoi (km 143+500-km496+820); Dong Mo-Tu Don (km157+160-km183) Road Length : 43km Number of Lane : 2 (class 4 mountainous)			
Estimated Cost: US\$ 14.9 million		Schedule: 2005 – 2007 (extended 2010)	
Financial Source: Gov. Bond		Implementing Agency: VRA	


Project Name: NH3B Upgrading (Xuan Hoa-Po Ma) (60km)		Sector: CH74	
Project Background and Objective: Decision 3314/QD-BGTVT on October 31, 2008 Aiming at connecting NH3 passing through NaRi district of Bac Kan to Poma border gate of Lang Son province, that will be a section of HCM road to Cao Bang (Pac Bo). Speeding up SE development of Bac Kan and Lang Son province			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : km65-km125 Xuat Hoa - border gate Poma Road Length : 60 km Number of Lane : 2			
Estimated Cost: US\$ 79.8 million		Schedule: 2009 - 2012	
Financial Source: Gov. Bond		Implementing Agency: VRA (PMU Ho Chi Minh)	


Project Name: Weak Bridge Rehabilitation Project (Stage 2: 83 bridges)	Sector: CH75
Project Background and Objective: Project is proposed by MOT to build and rehabilitation of weak bridges on NHs. This phase including 83 bridges, F/S is ongoing to formulate Purpose is new building or upgrading of weak bridges on NHs	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Multi – bridge sections Road Length : 83 weak bridges Number of Lane : 2 -4 lanes	
Estimated Cost: US\$ 207.5 million	Schedule: 2010 -
Financial Source: Gov. Bond	Implementing Agency: VRA


Project Name: NH 31 Upgrading (Huu San – ban Chat) (61km)	Sector: CH76
Project Background and Objective: Decision 2163/QD-BGTVT 22/7/08 NH31 with total length 163km from Bac Giang to Ban Chat (China border. Project section Huusan-Ban Chat from km 102-km163 will be upgraded and expanded to class 4 mountainous , It aims at speed up SE development of border rural area.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Huu San – Ban Chat (Km 102 – Km 163 of NH31) Road Length : 61 km Number of Lane : 2 (Class 4 – Mountainous Road)	 <p>The map shows a red line representing the project section CH76, which runs from Huu San in the west to Ban Chat in the east. The area is divided into three colored regions: light green to the north, light purple to the south, and pink to the west. The labels 'Huu San', 'Ban Chat', and 'Quang Ninh' are visible on the map.</p>
Estimated Cost: US\$ 59.4 million	Schedule: 2009
Financial Source: Gov. Bond	Implementing Agency: VRA


Project Name: NH53 upgrading (not including Km56-Km60 and Km130-Km139 in WB5 project) (121km)		Sector: CH77
Project Background and Objective: Decision 3558-3071/QD-BGTVT and others. The total NH53 is from Vinh Long town of Tra Vinh province to Long Vinh of Tra Vinh province with total length 132km. It divides in two components: WB5 component: funding by WB5 project Gov bond component 121km mentioned above is funded by Gov. bond sources		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Km 67-km114; km139-km168 and km11-km56 Road Length : 121 Km Number of Lane : 2 – 4 lanes		
Estimated Cost: US\$ 81.1 million	Schedule: 2009 –after 2011	
Financial Source: Gov. Bond	Implementing Agency: VRA	

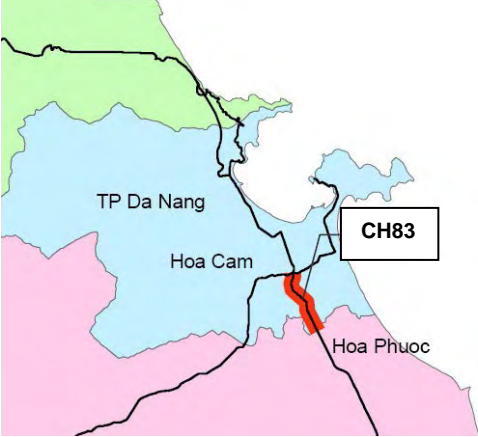
Project Name: NH8A Upgrading (Ha Tinh) (37km)		Sector: CH78
Project Background and Objective: Decision 3209/QD-BGTVT/QD-BGTVT on October 22, 2008 Total of NH8A is from Hong Linh town of Ha Tinh province to Cau Treo border gate (83.5km), it's a portion of Viet-Laos east west corridor. The section km0-km37 is only 1/3 of the portion of Vietnam side. Upgrading NH8 from existing class 4 (2 lanes) to class 3 (4 lanes) is targeted to meet the demand of SE development of Vietnam side and also responds to trade traffic both of Vietnam and Laos.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Km 0 – Km37 (of NH1A) Road Length : 37 Km Number of Lane : 4 (class 3)		
Estimated Cost: US\$ 69.2 million	Schedule: 2009 - 2011	
Financial Source: Gov. Bond	Implementing Agency: VRA	


Project Name: NH24 Upgrading (Pho Phong – Quang Ngai) (8km)		Sector: CH79
Project Background and Objective: Project is proposed by MOT to expanding and upgrading the whole NH24 from Thach Tru (Quang Ngai province) to Kon Tum provincial town with total length 168km. The project after the completion is 2 lanes (class 4 mountainous). This section 8km from Thachtru-Phophong in the area of Quangnai province. The objective is aimed at speed up SE development of the both provinces.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Thach Tru – Pho Phong (Km 0 – Km 8) Road Length : 8km Number of Lane : 2		
Estimated Cost: US\$ 23.3 million	Schedule: 2010 -	
Financial Source: Gov. Bond	Implementing Agency: VRA	

Project Name: NH24 Upgrading (Pho Phong – Kon Tum) (160km)		Sector: CH80
Project Background and Objective: Project is proposed by MOT to expanding and upgrading the whole NH24 from Thach Tru (Quang Ngai province) to Kon Tum provincial town with total length 168km. The project after the completion is 2 lanes (class 4 mountainous). This section 160km from Phophong to Kontum town in the area of Kontum province. Meeting the traffic transportation in the future. The objective is aimed at speed up SE development of the both provinces.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Pho Phong – Kon Tum Road Length : 160km Number of Lane : 2		
Estimated Cost: US\$ 294.1 million	Schedule: 2010 -	
Financial Source: Gov. Bond	Implementing Agency: VRA	

Project Name: NH25 Upgrading (Phu Yen – Gia Lai)(160km)		Sector: CH81	
Project Background and Objective: The project is proposed by MoT, expanding and upgrading NH25 to class 4 mountainous from Tuyhoa (Phuyen) to Chuse district town (Gialai) with length=180Km. Meeting the transport demand in future Aiming at speed up SE development of both Phuyen and Gialai provinces			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Km 0 – Km180 Road Length : 180 Km Number of Lane : 2 (Class 4 – Mountainous road)			
Estimated Cost: US\$ 294.1 million		Schedule: 2010 -	
Financial Source: Gov. Bond		Implementing Agency: VRA	

Project Name: NH15 Upgrading (Mai Chau - Hoi Xuan) (109km)		Sector: CH82	
Project Background and Objective: The project is proposed by MOT, F/S is ongoing Objective of the project aims at to connect NH6 and HCM road, the section NH15 Maichau-Hoi Xuan will linking transport traffic between Northwestern provinces to the South of the country and speeding up the development of socio-economic of the regions			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Mai Chau (Hoa Binh) – Hoi Xuan (Thanh Hoa) Road Length : 109 km Number of Lane : 2 (class 4)			
Estimated Cost: US\$ 117.7 million		Schedule: 2010 -	
Financial Source: Gov. Bond		Implementing Agency: VRA	

Project Name: NH1A Upgrading (Hoa Cam – Hoa Phuoc, Danang) (8.4km)	Sector: CH83
Project Background and Objective: Upgrading a section of NH1A, it is Danang city artery urban road with length 8.4km, 33m of road bed, 4 lanes + 2 lanes for bicycles, separator 2m and 2x5m side walk. There are two bridges with length 257.3m and 120.6m long.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Hoa Cam – Hoa Phuoc (NH1A) Road Length : 8.4 Km Number of Lane : 4 lanes (Urban Artery Road)	
Estimated Cost: US\$ 32.8 million	Schedule: 2007 - 2009
Financial Source: BOT	Implementing Agency: VRA

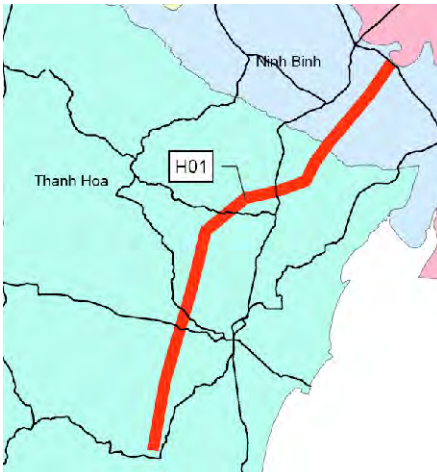
Project Name: NH20 and Other Sections Repair and Upgrading (268km)	Sector: CH84
Project Background and Objective: Project is proposed by VRA and by kind of BOT investment. Total length of NH20 is 268 km via Dongnai and Lamdong provinces, starting at Daugyai (Dongnai) and ending at Donduong (Lamdong). The objective of the project: (i) Repairing of route and asphalted surface and (ii) upgrading bypass through towns.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Whole section Road Length : 268 km Number of Lane : 2 -4 (Class 3 – 4)	
Estimated Cost: US\$ 16.6 million	Schedule: 2010 -
Financial Source: BOT	Implementing Agency: VRA + BOT (Open)

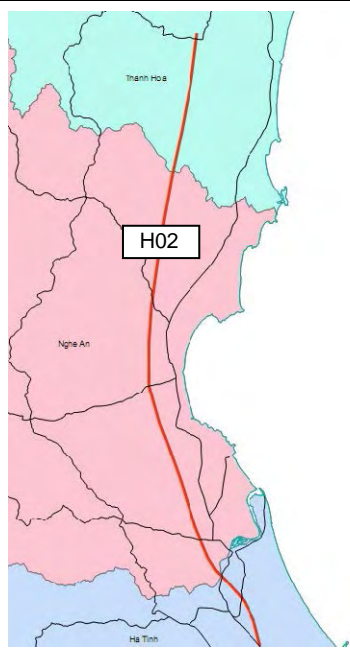
Project Name: Road Safety Improvement Program		Sector: CH85
Project Background and Objective: The project is proposed by MOT and is currently in progress by WB assistance. The project is divided into three components. That is A) institutional and capacity building program, B) road safety demonstration and awareness program, and C) road safety monitoring and evaluation program.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 33.4 million	Schedule: 2006-2009	
Financial Source: WB	Implementing Agency: NRSC	


Project Name: Northern Vietnam National Roads Traffic Safety Improvement Project (NH 3, NH 5, NH 10, NH 18)		Sector: CH86
Project Background and Objective: MOT Decision 2432/QD-BGTVT dated of June 8,2007. ODA of JBIC 50-60USD mill. Intensification of Northern national highway traffic safety (NH3, 5, 10, 18).		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Multi-sections Road Length : NH3, NH5, NH10, NH18 (475km) Number of Lane :		
Estimated Cost: US\$ 60.7 million	Schedule: N/A	
Financial Source: JICA	Implementing Agency: VRA + NTSC	


Project Name: Railway and Road Safety Traffic System Building	Sector: CH87
Project Background and Objective: Decision No 61/TT-CDBVN dated on July 23, 2008 Building safety traffic system between road and railway by fences, railing, sign and signal installation.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :	
Estimated Cost: US\$ 41.7 million	Schedule: 2009 – 2012
Financial Source: Gov. Bond	Implementing Agency: VRA


B. Proposed Project Profile

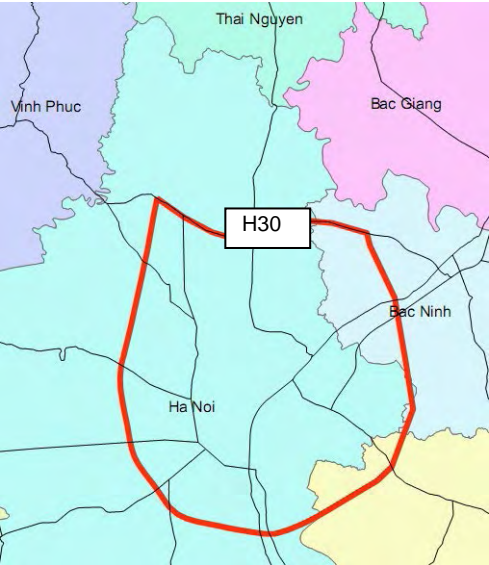
Project Name: Ninh Binh – Thanh Hoa Expressway (75km)	Sector: H01
<p>Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of Ninh Binh–Thanh Hoa as a part of North-South Expressway in the East.</p>	
<p>Project Description:</p> <ul style="list-style-type: none"> (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> <p>Section : Ninh Binh–Thanh Hoa Road Length : 75km Number of Lane : 6 lanes</p>	
Estimated Cost: US\$ 827.6 million	Schedule: -2020

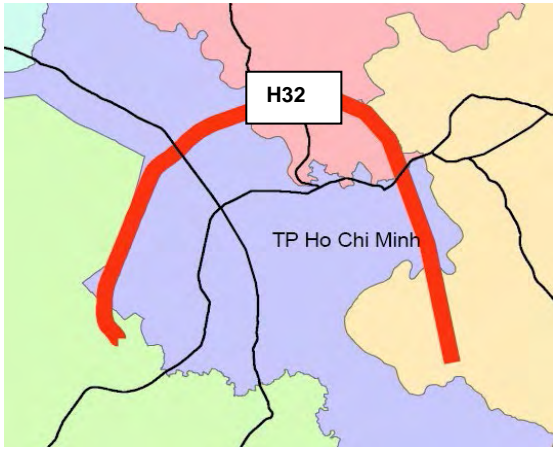
Project Name: Thanh Hoa-Vinh Expressway (140km)	Sector: H02
<p>Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of Thanh Hoa-Vinh as a part of North-South Expressway in the East.</p>	
<p>Project Description:</p> <ul style="list-style-type: none"> (vi) Survey and Engineering Design <input checked="" type="checkbox"/> (vii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (viii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (ix) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (x) Provision of Training <input checked="" type="checkbox"/> <p>Section : Ninh Binh–Thanh Hoa Road Length : 140km Number of Lane : 6 lanes</p>	
Estimated Cost: US\$ 2,128.0 million	Schedule: -2020

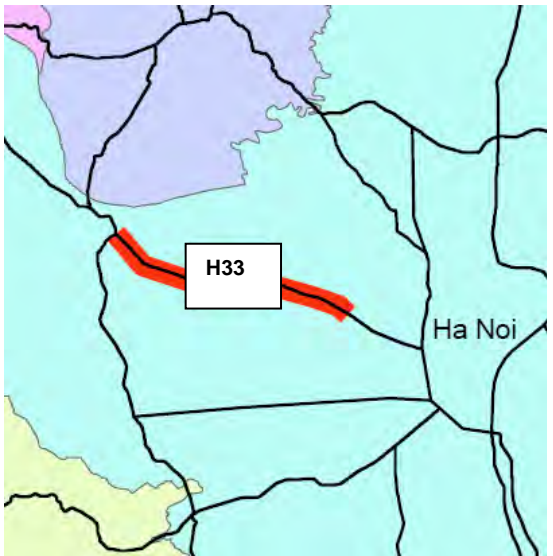
Project Name: Vinh – Ha Tinh Expressway (20km)		Sector: H03
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of Vinh–Ha Tinh as a part of North-South Expressway in the East.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Vinh–Ha Tinh Road Length : 20km Number of Lane : 4–6 lanes		
Estimated Cost: US\$ 201.5 million	Schedule: -2020	

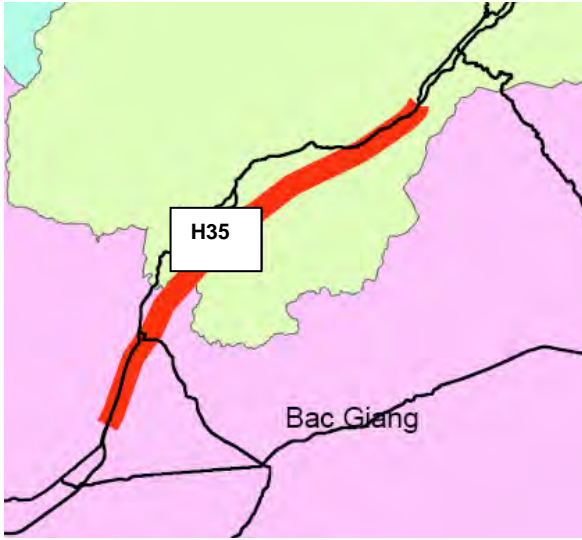
Project Name: Long Thanh – Nhon Trach – Ben Luc Expressway (45km)		Sector: H10
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No: 7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity for North-South traffic by constructing the section of Long Thanh–Nhon Trach–Ben Luc as a part of North-South Expressway in the East.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Long Thanh–Nhon Trach–Ben Luc Road Length : 45km Number of Lane : 6–8 lanes		
Estimated Cost: US\$ 738.6 million	Schedule: -2020	


Project Name: Bien Hoa – Vung Tau Expressway (76km)	Sector: H21
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity of the route from gateway to the center of SFEZ by constructing new expressway for the section of Bien Hoa–Vung Tau. Expressway in Southern Region connecting with Vung Tau Port (76km, 6 lane)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Bien Hoa–Vung Tau Road Length : 76km Number of Lane : 6 lanes BOT is expected.	
Estimated Cost: US\$ 696.5 million	Schedule: -2020

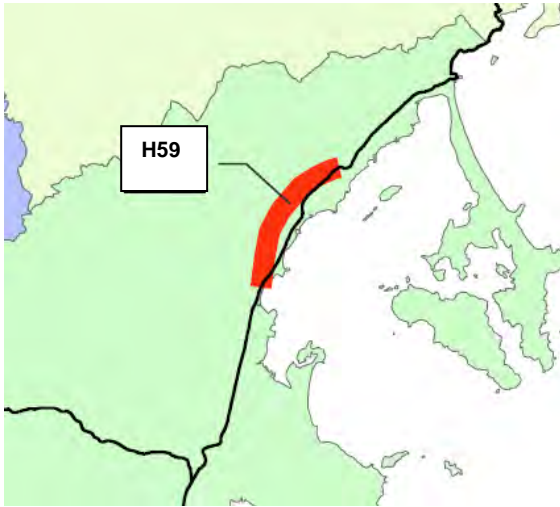
Project Name: Ring Road No.4 in Ha Noi (125km)	Sector: H30
Project Background and Objective: Objectives: Ring road system mainly use for interprovincial transport in Hanoi. (125km, 4-6 lane), reducing urban transport. F/S is ongoing by TEDI	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> Provision of Training <input checked="" type="checkbox"/> Section : All RR4 cycle Road Length : 125km Number of Lane : 4-6 lanes	
Estimated Cost: US\$ 794.0 million	Schedule: -2020

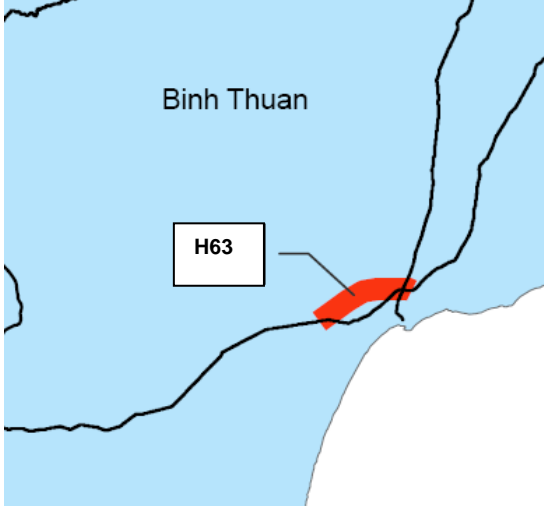
Project Name: Ring Road No.3 in HCMC (83km)	Sector: H32
Project Background and Objective: This project was proposed by MOT in the Expressway Master Plan with the letter No:7056/TTr-BGTVT and was approved by Prime Minister with the Decision No.1734/QĐ-TTg. The objective of the project is to improve traffic capacity in HCMC by constructing new expressway Ring Road No.3.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : HCMC Road Length : 83km Number of Lane : 6-8 lanes BOT is expected.	
Estimated Cost: US\$ 1226.9 million	Schedule: -2020


Project Name: Economic Axle Road Construction	Sector: H33
Project Background and Objective: This project was listed in the Prime Minister Decision No.1290/QĐ-TTg. The objective of the project is to improve traffic capacity of radial traffic from Hanoi in Northern Region by constructing new expressway Economic Axle Road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities <input checked="" type="checkbox"/> (iv) Provision of O&M Equipment and Materials <input checked="" type="checkbox"/> (v) Provision of Training <input checked="" type="checkbox"/> Section : Dan Phuong-Phuc Tho-Son Tay Road Length : 24km Number of Lane : BOT is expected.	
Estimated Cost: US\$ 82.8 million	Schedule: -2020

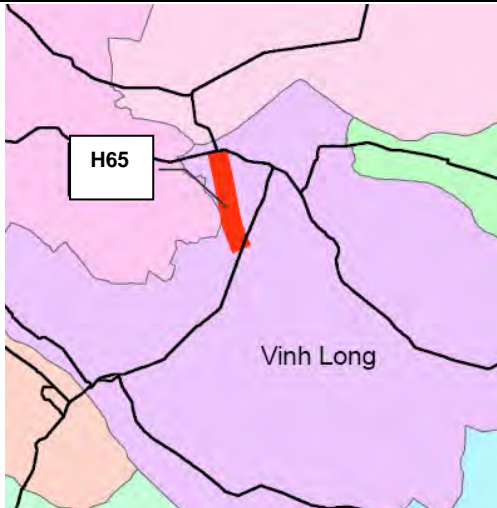
Project Name: NH1A (Chi Lang - Bac Giang) Construction (Pho Gio) (40km)	Sector: H35
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to build regional road network by constructing NH1A (Chi Lang–Bac Giang (Pho Gio)).	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Chi Lang–Bac Giang (Pho Gio) Road Length : 40km Number of Lane : 4 lanes	
Estimated Cost: US\$ 182.1 million	Schedule: -2020

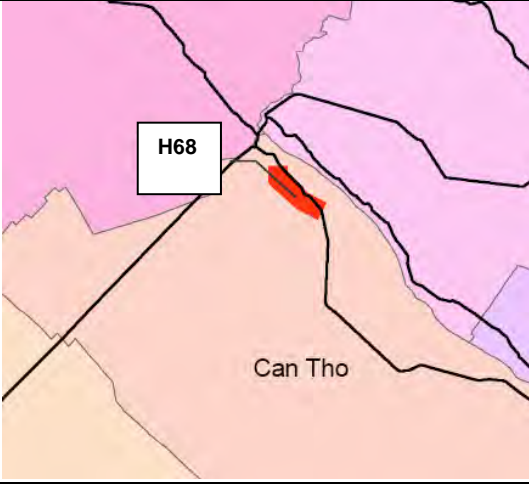
Project Name: NH21 Construction (Phu Ly – Nam Dinh) (25km)	Sector: H36
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to build regional road network by constructing NH21 (Phu Ly–Nam Dinh).	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Phu Ly–Nam Dinh Road Length : 25km Number of Lane : 4 lanes	
Estimated Cost: US\$ 86.2 million	Schedule: -2020


Project Name: NH1A Bypass (Van Gia, Khanh Hoa) (10km)	Sector: H59
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Van Gia Road Length : 10km Number of Lane : 4 lanes	
Estimated Cost: US\$ 46.3 million	Schedule: -2020


Project Name: NH1A Bypass Construction (Phan Thiet)	Sector: H63
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Phan Thiet Road Length : 10km Number of Lane : 4 lanes	
Estimated Cost: US\$ 34.5 million	Schedule: -2020


Project Name: NH1A Bypass (Duc Pho, Quang Ngai) (9.7km)	Sector: H64
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Duc Pho, Quang Ngai Road Length : 9.7km Number of Lane : 4 lanes	
Estimated Cost: US\$ 36.4 million	Schedule: -2020


Project Name: NH1A Bypass (Vinh Long) (7.5km)	Sector: H65
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Vinh Long Road Length : 7.5km Number of Lane : 4 lanes	
Estimated Cost: US\$ 25.9 million	Schedule: -2020

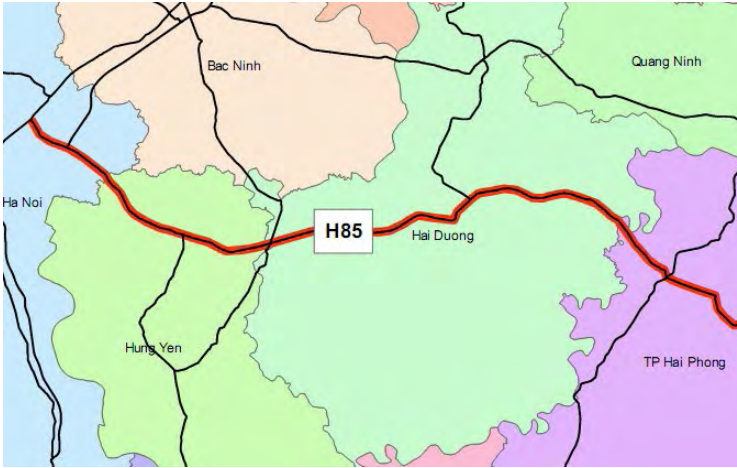
Project Name: NH91 Bypass (Thot Not, Can Tho)(10km)	Sector: H68
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Thot Not Road Length : 10km Number of Lane : 4 lanes	
Estimated Cost: US\$ 34.5 million	Schedule: -2020

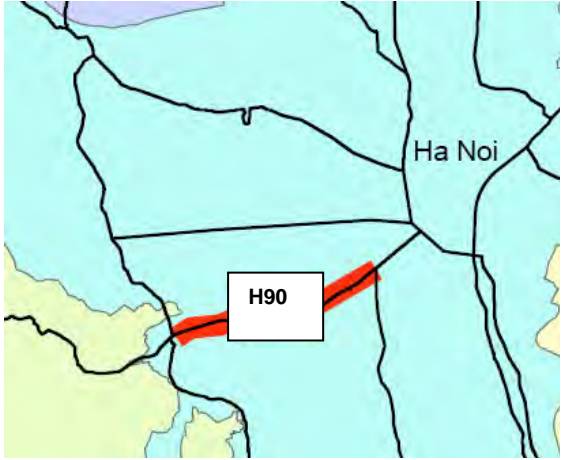
Project Name: NH60 Bypass (Ham Luong/Ben Tre – Mo Cay)(10km)	Sector: H73
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Ham Luong (Ben Tre–Mo Cay) Road Length : 10km Number of Lane : 4 lanes	
Estimated Cost: US\$ 34.5 million	Schedule: -2020


Project Name: NH38 Bypass (Hoa Mac, An Giang)(10km)	Sector: H74
Project Background and Objective: This project was listed in the Road Transport Development Master Plan. The objective of the project is to mitigate traffic congestion inside urban area by constructing bypass road.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Hoa Mac Road Length : 10km Number of Lane : 4 lanes	
Estimated Cost: US\$ 34.5 million	Schedule: -2020

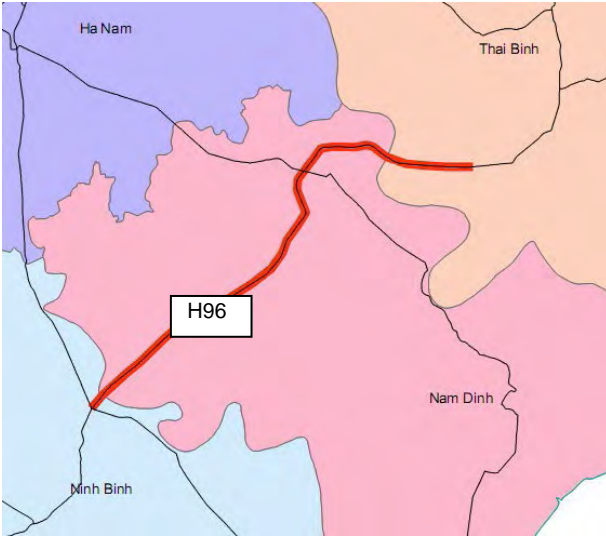
Project Name: NH 14 Widening (Dong Xoai - Chon Thanh)(34km)	Sector: H79
Project Background and Objective: This project was listed in the Prime Minister Decision No.1290/QĐ-TTg. The objective of the project is to improve traffic capacity of NH14 by widening.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Dong Xoai–Chon Thanh Road Length : 34km Number of Lane : 4 lanes BOT is expected.	
Estimated Cost: US\$ 115.4 million	Schedule: -2020

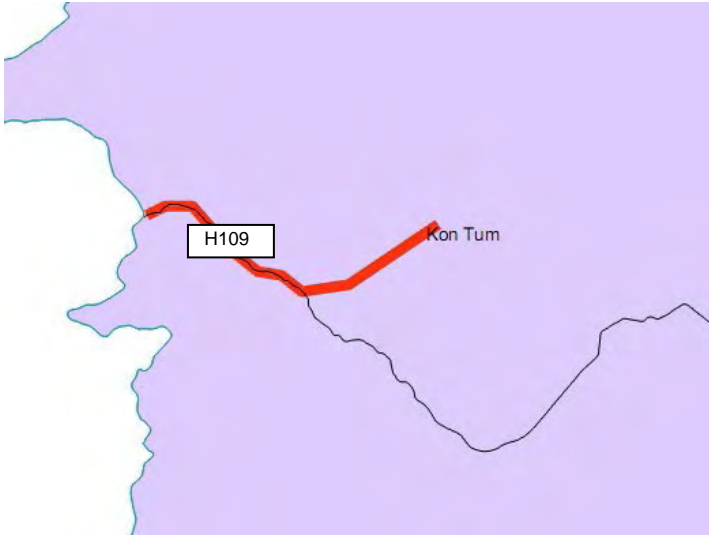
Project Name: NH 51 Widening (Dong Nai - Vung Tau)(73.6km)	Sector: H82
Project Background and Objective: This project was listed in the Prime Minister Decision No.1290/QĐ-TTg. The objective of the project is to improve traffic capacity of NH51 by widening.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Dong Nai-Vung Tau Road Length : 73.6km Number of Lane : 6 lanes BOT is expected.	
Estimated Cost: US\$ 184.1 million	Schedule: -2020


Project Name: NH5 Upgrading (106km)	Sector: H85
Project Background and Objective: This project was listed in the Prime Minister Decision No.1290/QĐ-TTg. The objective of the project is to improve traffic capacity of NH5 by upgrading to required standard.(106km).	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Ba La-Xuan Mai Road Length : 106km Number of Lane : 4 lanes	
Estimated Cost: US\$ 155.8 million	Schedule: -2020


Project Name: NH6 Widening (Ba La–Xuan Mai)(20km)	Sector: H90
Project Background and Objective: This project was listed in the Prime Minister Decision No.1290/QĐ-TTg. The objective of the project is to improve traffic capacity of NH6 by widening.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Ba La–Xuan Mai Road Length : 20km Number of Lane : 4 lanes BOT is expected.	
Estimated Cost: US\$ 52.7 million	Schedule: -2020


Project Name: NH 20 Improvement (Dau Giay - Lien Khuong) (250km)	Sector: H92
Project Background and Objective: This project was listed in the Prime Minister Decision No.1290/QĐ-TTg. The objective of the project is to increase traffic capacity and improving to minimum requirement (250km) surface condition of NH20.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Dau Giay–Lien Khuong Road Length : 250km Number of Lane : 2 lanes BOT is expected.	
Estimated Cost: US\$ 201.8 million	Schedule: -2020

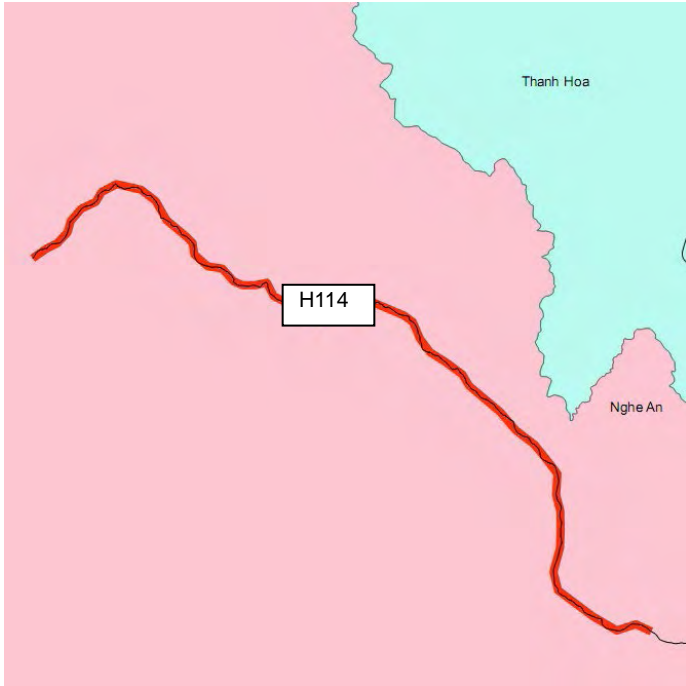
Project Name: NH10 Improvement (Lai Thanh - Tao Xuyen) (50km)	Sector: H96
Project Background and Objective: This project was listed in the Road Transport Development Plan. The objective of the project is to improve traffic capacity and to improve surface condition of NH10.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Lai Thanh – Tao Xuyen Road Length : 50km Number of Lane :	
Estimated Cost: US\$ 24.3 million	Schedule: -2020


Project Name: NH 40 Rehabilitation (24km)	Sector: H109
Project Background and Objective: This project was proposed by Vitrans. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (24km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Road Length : 24km Number of Lane :	
Estimated Cost: US\$ 9.8 million	Schedule: -2020


Project Name: NH31 Rehabilitation (An Chau - Dinh Lap) (48km)	Sector: H111
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (48km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : An Chau-Dinh Lap Road Length : 48km Number of Lane :	
Estimated Cost: US\$ 23.7 million	Schedule: -2020

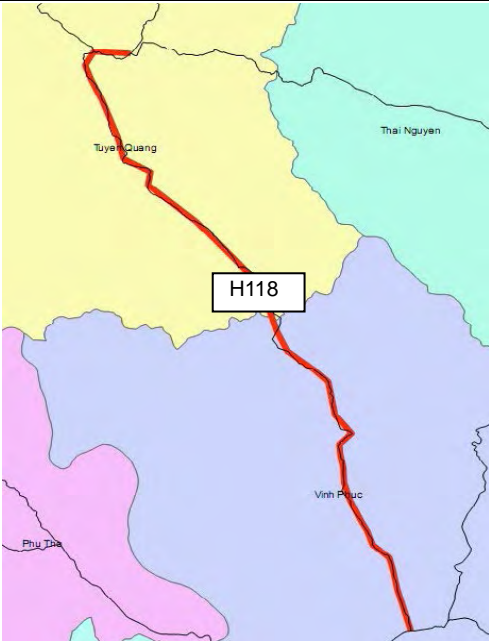
Project Name: NH3B Rehabilitation (Yen Lac - That Khe) (44km)	Sector: H112
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (44km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Yen Lac-That Khe Road Length : 44km Number of Lane :	
Estimated Cost: US\$ 21.7 million	Schedule: -2020


Project Name: PR507 (NH47) Rehabilitation (Thuong Xuan - Kheo Border) (60km)		Sector: H113
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (60km)		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Thuong Xuan - Kheo Border Road Length : 60km Number of Lane :		
Estimated Cost: US\$ 32.9million	Schedule: -2020	


Project Name: NH48 Rehabilitation (Thai Hoa - Kim Son) (74km)		Sector: H114
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (74km)		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Thai Hoa - Kim Son Road Length : 74km Number of Lane :		
Estimated Cost: US\$ 40.6 million	Schedule: -2020	


Project Name: NH32B Rehabilitation (Xom Giac - Muong Coi) (21km)	Sector: H116
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (21km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Xom Giac - Muong Coi Road Length : 21km Number of Lane :	
Estimated Cost: US\$ 8.4 million	Schedule: -2020


Project Name: NH2B Rehabilitation (Vinh Yen - Tam Dao) (25km)	Sector: H117
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (25km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Vinh Yen - Tam Dao Road Length : 25km Number of Lane :	
Estimated Cost: US\$ 10.6 million	Schedule: -2020


Project Name: NH2C Rehabilitation (Vinh Yen - Son Duong) (60km)		Sector: H118	
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (60km)			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Vinh Yen - Son Duong Road Length : 60km Number of Lane :			
Estimated Cost: US\$ 23.7 million		Schedule: -2020	

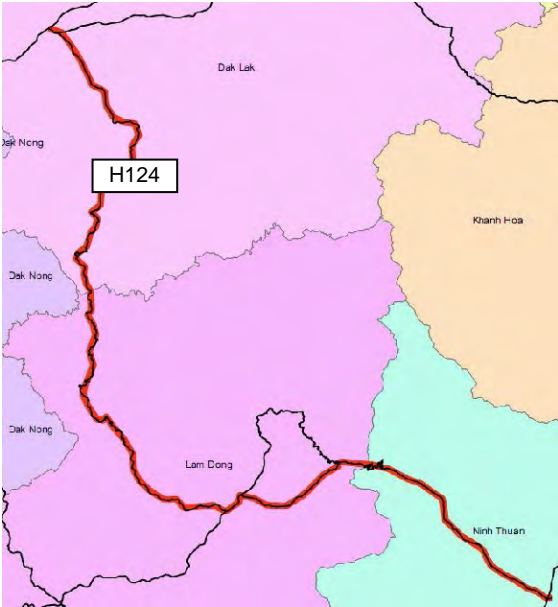
Project Name: NH23 Rehabilitation (NH2 - Phuc Yen) (27km)		Sector: H119	
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (27km)			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH2 - Phuc Yen Road Length : 27km Number of Lane :			
Estimated Cost: US\$ 10.0 million		Schedule: -2020	

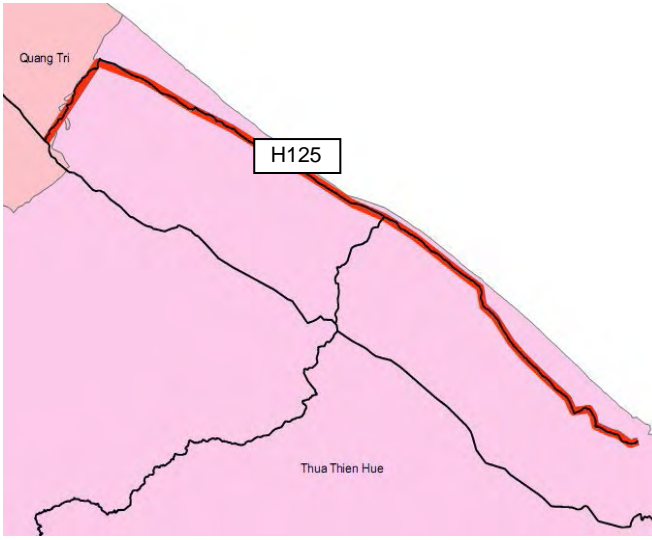
Project Name: NH47 Rehabilitation (NH1 - NH15) (61km)	Sector: H120
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (61km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH1 - NH15 Road Length : 61km Number of Lane :	
Estimated Cost: US\$ 21.8 million	Schedule: -2020

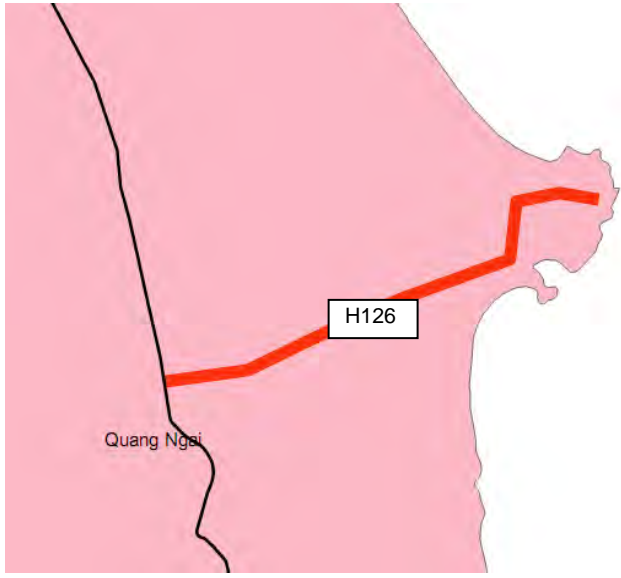
Project Name: NH45 Rehabilitation (Pho Ria - Thanh Hoa - Yen Cat) (136km)	Sector: H121
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (136km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Pho Ria - Thanh Hoa - Yen Cat Road Length : 136km Number of Lane :	
Estimated Cost: US\$ 49.3 million	Schedule: -2020

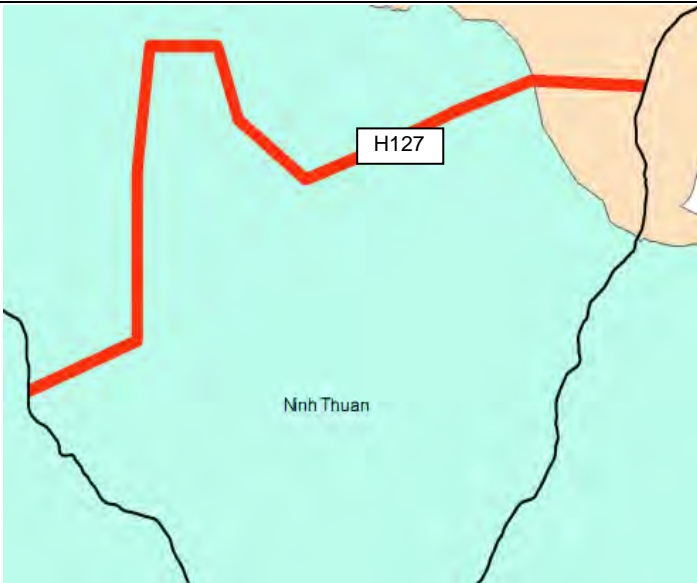
Project Name: NH49 Rehabilitation (Thuan An Port - HCM Road) (75km)	Sector: H122
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (75km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Cang Thuan An - HCM Road Road Length : 75km Number of Lane :	
Estimated Cost: US\$ 28.0 million	Schedule: -2020

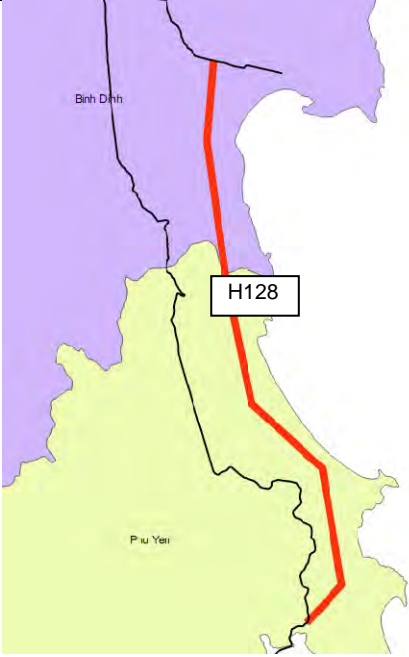
Project Name: NH25 Rehabilitation (Tuy Hoa - HCM Road) (180km)	Sector: H123
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (180km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Tuy Hoa - HCM Road Road Length : 180km Number of Lane :	
Estimated Cost: US\$ 72.9 million	Schedule: -2020

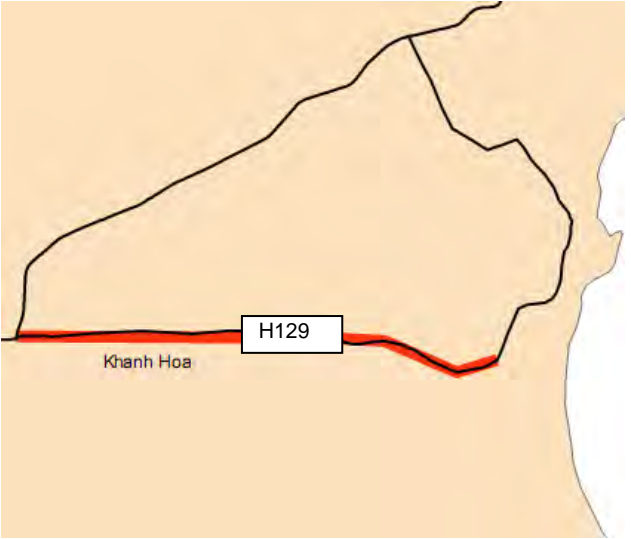
Project Name: NH27 Rehabilitation (Phan Rang Thap Cham - Buon Ma Thuot) (276km)	Sector: H124
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (276km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Phan Rang Thap Cham - Buon Ma Thuot Road Length : 276km Number of Lane :	
Estimated Cost: US\$ 113.1 million	Schedule: -2020


Project Name: NH49B Rehabilitation (Cau My Chanh - Vinh Hien, Thu Thien Hue) (89km)	Sector: H125
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (89km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Cau My Chanh - Vinh Hien, Thu Thien Hue Road Length : 89km Number of Lane :	
Estimated Cost: US\$ 31.1 million	Schedule: -2020


Project Name: NH24B Rehabilitation (NH1 - An Hai, Quang Ngai) (18km)	Sector: H126
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (18km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : NH1 - An Hai, Quang Ngai Road Length : 18km Number of Lane :	
Estimated Cost: US\$ 6.3million	Schedule: -2020

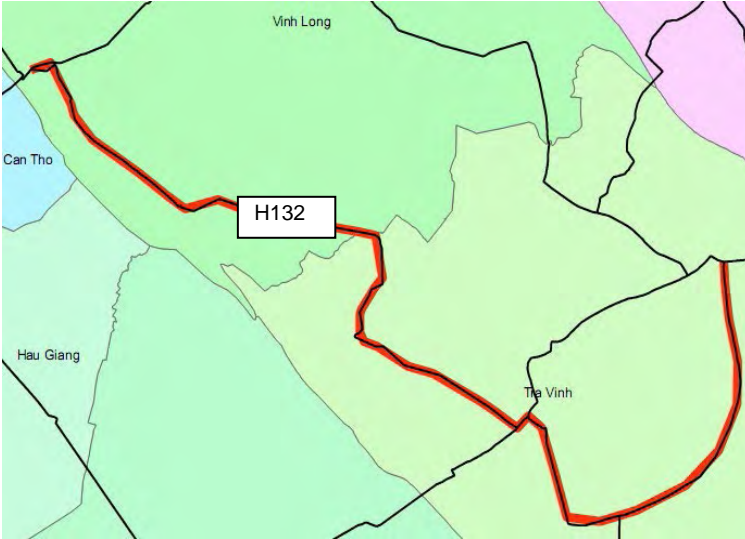
Project Name: NH27B Rehabilitation (Tan Son - NH1) (48km)	Sector: H127
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (48km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Tan Son - NH1 Road Length : 48km Number of Lane :	
Estimated Cost: US\$ 17.3 million	Schedule: -2020

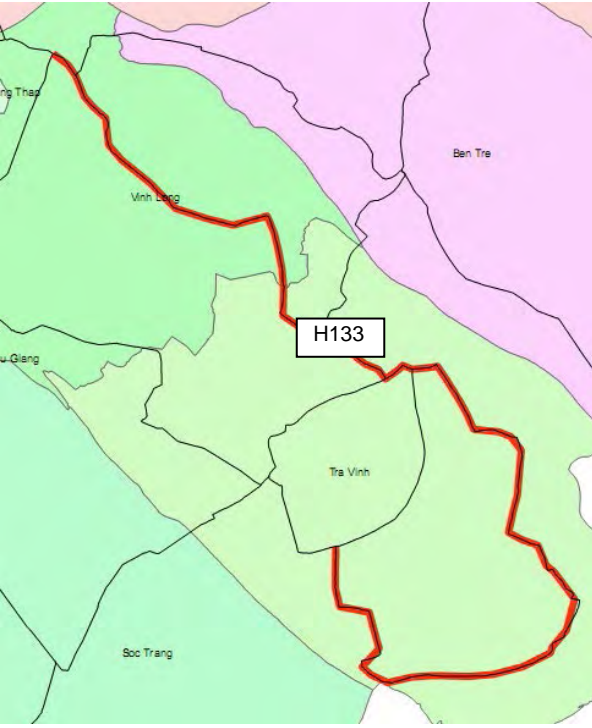
Project Name: NH1D Rehabilitation (Quy Nhon - Song Cau, Binh Dinh & Phu Yen) (33km)	Sector: H128
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (33km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Quy Nhon - Song Cau, Binh Dinh & Phu Yen Road Length : 33km Number of Lane :	
Estimated Cost: US\$ 11.5million	Schedule: -2020

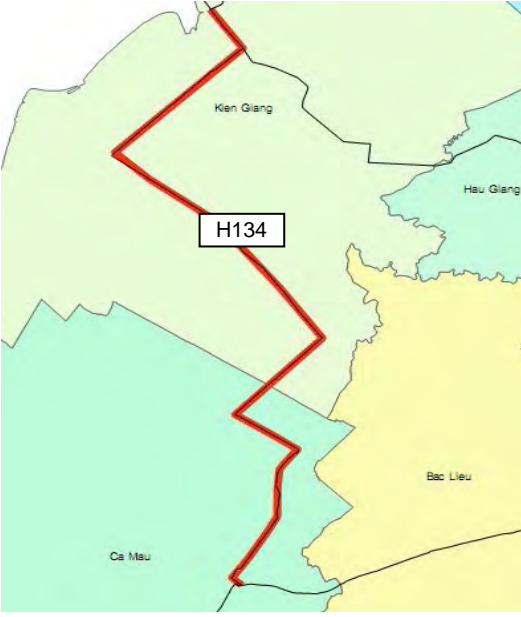
Project Name: NH1C Rehabilitation (Dien Khanh - Nha Trang) (17km)	Sector: H129
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (17km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Dien Khanh - Nha Trang Road Length : 17km Number of Lane :	
Estimated Cost: US\$ 5.9 million	Schedule: -2020

Project Name: NH56 Rehabilitation (Xuan Thanh - Ba Ria) (50km)		Sector: H130	
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (50km)			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Xuan Thanh - Ba Ria Road Length : 50km Number of Lane :			
Estimated Cost: US\$ 17.5 million		Schedule: -2020	

Project Name: NH62 Rehabilitation (Tan An - Binh Hiep) (77km)		Sector: H131	
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (77km)			
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Tan An - Binh Hiep Road Length : 77km Number of Lane :			
Estimated Cost: US\$ 26.9million		Schedule: -2020	

Project Name: NH54Rehabilitation (Cai Von - Tieu Can) (167km)	Sector: H132
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (167km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Cai Von - Tieu Can Road Length : 167km Number of Lane :	
Estimated Cost: US\$ 58.3 million	Schedule: -2020

Project Name: NH53Rehabilitation (Vinh Long - Duyen Hai - NH54) (132km)	Sector: H133
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (132km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Vinh Long - Duyen Hai - NH54 Road Length : 132km Number of Lane :	
Estimated Cost: US\$ 41.6 million	Schedule: -2020

Project Name: NH63 Rehabilitation (Minh Luong - Ca Mau) (109km)	Sector: H134
Project Background and Objective: This project was proposed by Road transport development Master Plan. The objective of the project is to provide minimum, all-weather accessibility with the existing ROW or road width (109km)	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training Section : Minh Luong - Ca Mau Road Length : 109km Number of Lane :	
Estimated Cost: US\$ 38.1million	Schedule: -2020

Project Name: Black Spot Improvement Plan	Sector: H148
Project Background and Objective: This project was proposed by JICA study on National Road Traffic Safety Master Plan. To review the black spot improvement guideline, implement the black spot improvement pilot project including training for engineers and capacity development, develop an exchange system for human resources and techniques/expertise related to black spot improvement system, promote understanding of black spot improvement system to the road management authorities and promote black spot improvement implementation to local governments.	
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :	
Estimated Cost: US\$ 95.0 million	Schedule: -2020

Project Name: Traffic Safety Audit Development Plan		Sector: H149
Project Background and Objective: This project was proposed by JICA study on National Road Traffic Safety Master Plan. To revise RSA guideline, RSA pilot project, and promote RSA system to the road management authorities.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 40.0 million	Schedule: -2020	

Project Name: Traffic Safety Corridor Development Plan		Sector: H150
Project Background and Objective: This project was proposed by JICA study on National Road Traffic Safety Master Plan. To develop the database for inventory of encroachment and road conditions, set land value based on market price and apply to land acquisition, improve the compensation system for affected people, improve the public consultation system and mandatory requirement of resettlement plan in road projects, strengthen and enforce sanctions against returning illegal dwellers, development planning focusing on heavy access sections, strengthen regulation for access from heavy traffic generating road side facilities, and legal system improvement for encroachment.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 40.0 million	Schedule: -2020	

Project Name: Vulnerable Road User Accident Prevention Plan		Sector: H152
Project Background and Objective: This project was proposed by JICA study on National Road Traffic Safety Master Plan. To improve pedestrian facilities along school routes and for high-risk accident areas and to develop exclusive bicycle lane facilities.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges <input checked="" type="checkbox"/> (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 75.0 million	Schedule: -2020	

Project Name: Expressway Safety Development Plan		Sector: H153
Project Background and Objective: This project was proposed by JICA study on National Road Traffic Safety Master Plan. To establish an efficient cooperation body between VEC and traffic police for expressway traffic control and develop traffic regulation for expressways, traffic safety measures guidelines for expressways, and advanced traffic control system (ETC) for expressways.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 112.5 million	Schedule: -2020	

Project Name: Road Work Traffic Safety Development Plan		Sector: H154
Project Background and Objective: This project was proposed by JICA study on National Road Traffic Safety Master Plan. To develop road maintenance database, a comprehensive management system for national highways, regulations, and guidelines for safety measures during road construction and maintenance.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 20.0 million	Schedule: -2020	

Project Name: Traffic Safety Monitoring and Maintenance Plan		Sector: H155
Project Background and Objective: This project was proposed by JICA study on National Road Traffic Safety Master Plan. To establish a monitoring and evaluation unit of road safety plan, and develop monitoring and evaluation system for local planning.		
Project Description: (i) Survey and Engineering Design <input checked="" type="checkbox"/> (ii) Construction of Roads and/or Bridges (iii) Supply of O&M / ITS Facilities (iv) Provision of O&M Equipment and Materials (v) Provision of Training <input checked="" type="checkbox"/> Section : Road Length : Number of Lane :		
Estimated Cost: US\$ 35.0 million	Schedule: -2020	

Project Name: Urban Road Traffic Safety Development Plan	Sector: H156
<p>Project Background and Objective:</p> <p>This project was proposed by JICA study on National Road Traffic Safety Master Plan.</p> <p>To improve traffic regulations for urban road, develop coordinated traffic signal systems, wide area and flexible signal control systems, illegal parking prevention facilities, and an efficient parking regulation system, formulate regulations making parking facilities compulsory in every building, develop comprehensive parking system plan, public transport prioritizing facilities, promote public transport usage facilitation, and develop measures promoting traffic dispersion during peak hour and park and ride systems.</p>	
<p>Project Description:</p> <p>(i) Survey and Engineering Design <input checked="" type="checkbox"/></p> <p>(ii) Construction of Roads and/or Bridges</p> <p>(iii) Supply of O&M / ITS Facilities</p> <p>(iv) Provision of O&M Equipment and Materials</p> <p>(v) Provision of Training <input checked="" type="checkbox"/></p> <p>Section :</p> <p>Road Length :</p> <p>Number of Lane :</p>	
Estimated Cost: US\$ 272.5 million	Schedule: -2020